

# BRIDGE PLUMBERS SUPPLY COMPANY

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1139 SECOND AVENUE • NEW YORK CITY

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PIPE, FITTINGS and VALVES  
ENAMELWARE  
PLUMBING and HEATING SPECIALTIES

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Catalog No. 39



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# BRIDGE PLUMBERS SUPPLY COMPANY

It is with pleasure and for the rendering of a better service that we present this catalog. Although hundreds of articles are listed, it was impossible to have every item in our line presented here.

*We Are Distributors of the Products Made by the Following Manufacturers*

ALBRENE STONE CO.	KAUSTINE CO.
AMERICAN BRASS CO.	ROBT. A. KEASBY
AMERICAN RADIATOR CO.	JOHN G. KELLY, INC.
ARMSTRONG MFG. CO.	KENNEDY VALVE CO.
BEATON CALDWALL CO.	KEY BOILER EQUIPMENT CO.
BELKNAP MFG. CO.	KIELY AND MUELLER CO.
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BRUNSWICK BALKE COLLENDER CO.	MALLEABLE IRON FITTINGS CO.
BURNHAM BOILER CORP.	MILWAUKEE VALVE CO.
CANFIELD RUBBER CO.	MUELLER STEAM SPECIALTY CO.
CHICAGO FAUCET CO.	NATIONAL RADIATOR CO.
C. F. CHURCH MFG. CO.	NEW YORK BRASS FOUNDRY CO.
CLEVELAND HEATER CO.	POWERS REGULATOR CO.
COLUMBIA RADIATOR CO.	RICHARDSON AND BOYNTON CO.
COYNE AND DELANY CO.	RICHMOND RADIATOR CO.
DART MFG. CO.	RIDGE TOOL CO.
DOLE VALVE CO.	SANDS MFG. CO.
EXCELSO PRODUCTS CO.	SAN EQUIP, INC.
FAIRBANKS CO.	SANITARY DASH MFG. CO.
FIAT METAL MFG. CO.	STANDARD SANITARY MFG. CO.
FLEMM LEAD CO.	STANDARD TANK & SEAT CO.
GENERAL CERAMICS CO.	TACO HEATER CO.
GENERAL WIRE SPRING CO.	TOLEDO PIPE THREADING MACHINE CO.
HOFFMAN SPECIALTY CO.	U. S. SANITARY MFG. CO.
HOTSTREAM HEATER CO.	WALWORTH MFG. CO.
JENKINS BROS.	
JOHNS MANVILLE	





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All sales and contracts made by us are expressly subject to the following terms:

Prices subject to change without notice.

Quotations, unless otherwise stated, are for immediate acceptance.

Stenographical and clerical errors subject to correction.

All agreements made contingent upon strikes, fires, accidents, or causes beyond our control.

Our liability for material found defective is limited to the value of the goods sold or furnished, and we will not allow claims for labor or consequential damages.

Claims must be presented within a reasonable time and defective article be returned before credit will be given.

### RETURNED GOODS

Do not return goods under any circumstance without our consent.

When permission is obtained, carefully mark your name and address on outside of package, write us the same day, enclosing express receipt or original freight bill of lading and mention date of invoice on which goods were billed you.

Unless otherwise agreed, invoice price less 10 per cent to cover cost of handling, will be credited.

Metals cut to specified lengths or dimensions and materials, other than standard, are not returnable for credit or exchange.

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Orders cannot be countermanded without our consent; this especially applies to goods other than standard and to special orders.

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Buyers located away from the railroads should be careful to specify to what point goods should be shipped and by what route, and should also give post office address to which invoice should be mailed.

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### GOODS DAMAGED IN TRANSIT

Our responsibility ceases as soon as goods are delivered in good order and condition to the carrier and a receipt taken for them. If the carriers insist on our signing a release, or other document, having reference to their liability, before receiving the shipment, of course, we must comply; that will not, however, in any way affect the right of the party to whom they are consigned to recover damages for any carelessness or negligence on the part of the carrier.

When goods are received in bad order notation to this effect must be made on carrier's receipt. If crated or boxed goods are found damaged when unpacking, notify carrier so that an inspection can be made and a notation made on shipping receipt, otherwise no claim for damages can be collected.

All claims for loss, damage, or delay must be made in writing to the carrier at point of origin or delivery within six months, express claims within four months, otherwise no claim can be made.

### RESPONSIBILITY

All statistical information contained in this catalog, pertaining to STRENGTH and PROPER WORKING LOADS of materials, tools, or machines is derived from tables compiled by the manufacturers thereof, and is reprinted by us for the convenience of the buyer.

It is our unswerving purpose to stock only the very best and most dependable merchandise. It must be understood, however, that all estimates of strength and effectiveness are necessarily based upon USE UNDER PROPER WORKING CONDITIONS. No material is proof against abuse. We can accept no responsibility for damage resulting from the failure of products furnished, unless we specifically accept responsibility at the time the order is placed.

Normal wear and deterioration due to age must also be recognized as operative from the time the material first goes into service.





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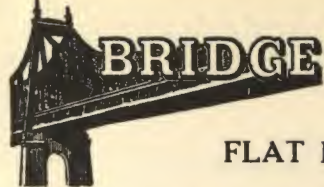
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## FLAT BIBB WASHERS



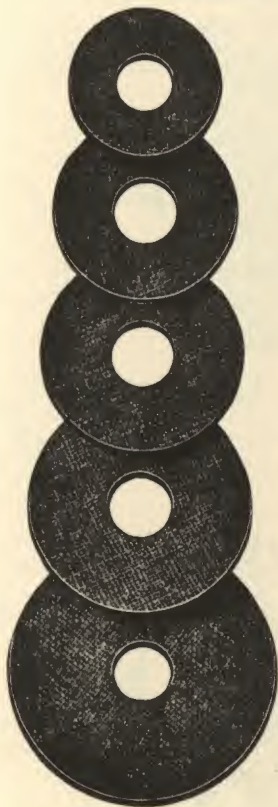
No.		Ins. Diam.	Out. Diam.	Thick
1530	For oo 1/4" Faucet	3/16"	1 1/2"	1/8"
747	For 1/4" Faucet	3/16"	9/16"	1/8"
179	For 3/8" Faucet	3/16"	21/32"	1/8"
180	For 1/2" Faucet	3/16"	25/32"	1/8"
181	For 5/8" Faucet	3/16"	13/16"	1/8"
182	For 3/4" Faucet	7/32"	29/32"	1/8"
183	For 1 " Faucet	7/32"	1 1/32"	1/8"
854	For 1 1/4" Faucet	3/16"	1 1/4"	1/8"

Special useful sizes are also made as follows:

No.	Ins. Diam.	Out. Diam.	Thick
1116	13/64"	19/32"	1/8"
1108	13/64"	11/16"	1/8"
600	3/16"	47/64"	1/8"

Made in our four regular grades, also in our two Special Combination stocks for either hot or cold water, viz.: **Graphite Fibre Compound** or **Asbestos**. Made in hard, medium, or soft cure as specified.

## TOP BIBB WASHERS



Small Hole to Fit Stem Closely

Made of Wytex frictioned woven fabric of the highest quality and maximum durability.

Also made in Compo Black.

	Ins. Diam.	Out. Diam.	Thick
For 3/8" Faucet	1/4"	15/16"	3/32"
For 1/2" Faucet	5/16"	1 1/8"	3/32"
For 5/8" Faucet	5/16"	1 1/4"	3/32"
For 3/4" Faucet	5/16"	1 3/8"	3/32"
For 1 " Faucet	5/16"	1 1/2"	3/32"

## BEVELED BIBB WASHERS



No.	Size	Ins. Diam.	Out. Diam.	Thick
1684	oo 1/4" Regular	3/16"	1 1/2"	3/16"
949	1/4" Regular	3/16"	9/16"	3/16"
888	3/8" Regular	3/16"	5/8"	3/16"
991	1/2" Regular	3/16"	3/4"	1/4"
992	5/8" Regular	3/16"	13/16"	1/4"
993	3/4" Regular	7/32"	15/16"	1/4"
949-1	1/4" Large	3/16"	19/32"	1/4"
990	3/8" Large	3/16"	11/16"	3/16"
890	1/2" Large	3/16"	25/32"	1/4"
892	5/8" Large	3/16"	7/8"	1/4"

Made in our four regular grades, also in our two Special Combination stocks for either hot or cold water, viz.: **Graphite Fibre Compound** or **Asbestos**. Made in hard, medium, or soft cure as specified.

## SOLID BIBB DISCS

MOULDED

Generally Used in Cincinnati District



No.		Out. Diam.	Thick
No. 404	For 3/8" Faucet	19/32"	7/32"
No. 430	For 1/2" Faucet	23/32"	1/4"
No. 431	For 5/8" Faucet	7/8"	1/4"
No. 432	For 3/4" Faucet	1 "	1/4"
No. 433	For 7/8" Faucet	1 7/32"	1/4"
No. 403	Special 1/2" Faucet	3/4"	1/8"
No. 1628	" "	11/16"	1/4"
No. 1668	" "	49/64"	1/4"

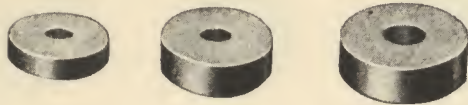
Made in our four regular grades, also in our two Special Combination stocks for either hot or cold water, viz.: **Graphite Fibre Compound** or **Asbestos**. Made in Hard, medium, or soft cure as specified.

BRIDGE PLUMBERS SUPPLY CO.



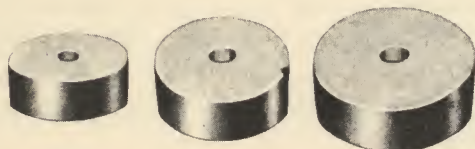


### CRANE FAUCET WASHERS



No.	1597	Ins. Diam.	Out. Diam.	Thick
Small		$\frac{5}{32}$ "	$\frac{9}{16}$ "	$\frac{5}{32}$ "
Medium		$1\frac{3}{64}$ "	$2\frac{1}{32}$ "	$1\frac{3}{64}$ "
Large		$1\frac{3}{64}$ "	$\frac{3}{4}$ "	$1\frac{3}{64}$ "

### BELL SUPPLY WASHERS



No.	1596	Ins. Diam.	Out. Diam.	Thick
Small		$\frac{7}{32}$ "	$1\frac{5}{16}$ "	$\frac{1}{4}$ "
Medium		$\frac{7}{32}$ "	$1\frac{1}{32}$ "	$\frac{1}{4}$ "
Large		$\frac{7}{32}$ "	$1\frac{1}{4}$ "	$\frac{1}{4}$ "

### FULLER BALLS

For Hot and Cold Water



Made in Sizes

$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$1\frac{1}{16}$ "
$\frac{3}{4}$ "	$1\frac{1}{16}$ "	$\frac{7}{8}$ "	1 "	$1\frac{1}{4}$ "

Made in our four regular grades of rubber, also in our two special Combination Stocks for either hot or cold water, viz.: **Graphite Fibre Compound** or **Asbestos**. Made in hard, medium or soft cure as specified.

### MUELLER BIBB WASHERS



No.	1598	Ins. Diam.	Out. Diam.	Thick
Small		$\frac{7}{32}$ "	$\frac{9}{16}$ "	$1\frac{1}{32}$ "
Medium		$\frac{7}{32}$ "	$1\frac{1}{16}$ "	$1\frac{1}{32}$ "
Large		$\frac{7}{32}$ "	$\frac{3}{4}$ "	$1\frac{1}{32}$ "

### CHICAGO FAUCET WASHERS

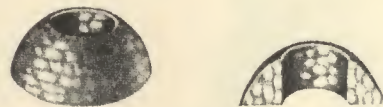


No. 1609

One Size Only.  $\frac{9}{16}$ " Out. Diam.

Made of hard black rubber for either hot or cold water.

### FAUCET BONNET PACKINGS



Duck and Rubber Construction

No.	1341	1104	Ins. Diam.	Out. Diam.	Height
			$\frac{3}{8}$ "	$1\frac{1}{16}$ "	$\frac{1}{4}$ "
			$\frac{3}{8}$ "	$1\frac{1}{16}$ "	$1\frac{1}{32}$ "

Other sizes may be had if desired.

### PECK FULLER BALLS



No. 567  $\frac{1}{2}$ "

No. 568  $\frac{5}{8}$ "

Made in same grades as our regular Fuller Balls. We make a specialty of odd shapes and sizes in Fuller Balls, as per specifications of customer.

BRIDGE PLUMBERS SUPPLY CO.





### TACK BUMPERS

Made of Gray, Black, White or Red Rubber  
With  $\frac{3}{8}$ " or  $\frac{1}{2}$ " Long  
Brass Tack, as specified



**AA**  
 $\frac{7}{8}$ " head



**BB**  
 $\frac{3}{4}$ " head



**No. 1**  
 $\frac{5}{8}$ " head



**No. 2**  
 $\frac{1}{2}$ " head



**No. 3**  
 $\frac{3}{8}$ " head



**No. 00**  
 $\frac{1}{2}$ " out. diam.  
 $\frac{1}{2}$ " high

Furnished in rubber only without tack in above sizes when specified.

### CHAIR, CANE AND CRUTCH TIPS

Made of Gray, Black, White or Red Rubber



Our No.	Trade No.	Size	Our No.	Trade No.	Size
627	15	$\frac{3}{8}$ "	351	18	$\frac{3}{4}$ "
628	16	$\frac{1}{2}$ "	630	19	$\frac{7}{8}$ "
629	17	$\frac{5}{8}$ "	631	20	1 "
			632	21	$1\frac{1}{8}$ "

### STOOL TIP

SIMILAR TO CRUTCH TIP

Only Shorter and One Size



**No. 1444**  $\frac{5}{8}$ " hole

Made in various colors as desired.

### SLOTTED SCREW BUMPERS



**No. 327**  
 $\frac{3}{4}$ " head



**No. 328**  
 $\frac{7}{8}$ " head



**No. 329**  
1" head

Made in full sizes of Gray, Black, White or Red Rubber, with No. 10 wood Screws securely moulded in.



**No. 1127**  
1" head  
 $\frac{3}{4}$ " length of screw



**No. 1099**  
 $1\frac{1}{2}$ " head  
 $\frac{3}{4}$ " length of screw

Made in full sizes of Gray, Black, White or Red Rubber, with 10-32 Machine Screws securely moulded in.

### SPECIAL BUMPERS

Made of Gray, Black, White or Red Rubber



**No. 222**

**RUBBER HEAD PEG**  
Rubber Part  
 $1\frac{3}{16}$ " diam.  
 $\frac{9}{16}$ " high  
Wooden Peg  
 $\frac{1}{4}$ " diam. x  $\frac{1}{2}$ " long  
Total height  $1\frac{1}{8}$ "



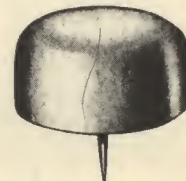
**No. 139**

**Rubber Head**  
 $\frac{1}{2}$ " diam.  
 $\frac{3}{8}$ " high  
Rubber Stem  
 $\frac{1}{16}$ " diam.  
Length of stem  $\frac{1}{2}$ "



**No. 405**

**RUBBER HEAD NAIL**  
Rubber Part  
 $\frac{9}{16}$ " diam.  
 $\frac{3}{16}$ " high  
Nail Shank  
 $\frac{7}{64}$ " diam. x  $\frac{1}{2}$ " long  
Total height  $1\frac{3}{16}$ "



**No. 1782**

1" round diam. head  
 $\frac{1}{2}$ " height of head  
 $\frac{3}{8}$ " tack extension

BRIDGE PLUMBERS SUPPLY CO.



### OBLONG or BAR BUMPERS

Made of Gray, Black, White or Red Rubber  
For Car and Closet Seats



No. 467

1<sup>5</sup>/<sub>8</sub>" long    1<sup>1</sup>/<sub>2</sub>" wide    3<sup>3</sup>/<sub>8</sub>" high



No. 468

2<sup>1</sup>/<sub>8</sub>" long    1<sup>1</sup>/<sub>2</sub>" wide    3<sup>3</sup>/<sub>8</sub>" high



No. 476

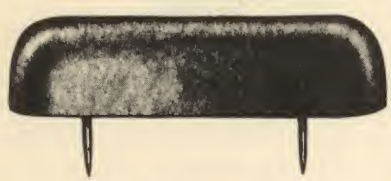
2<sup>1</sup>/<sub>2</sub>" long    1<sup>1</sup>/<sub>2</sub>" wide    1<sup>1</sup>/<sub>2</sub>" high



No. 1493

2<sup>1</sup>/<sub>2</sub>" long    7<sup>7</sup>/<sub>8</sub>" wide    1<sup>1</sup>/<sub>2</sub>" high

Made with metal washers inserted only when specified.

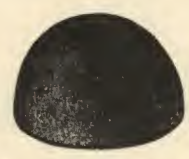


No. 1745

2<sup>1</sup>/<sub>8</sub>" long    9<sup>1</sup>/<sub>16</sub>" wide    1<sup>1</sup>/<sub>2</sub>" high  
with Tacks

### RECESS BUMPERS

Made of Gray, Black, White or Red Rubber, with a recess to permit of a nail or screw head being thoroughly countersunk.



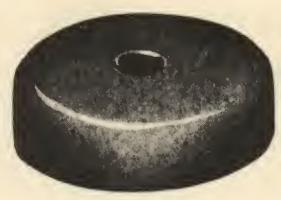
No. 386

1<sup>5</sup>/<sub>16</sub>" out. diam.  
1<sup>1</sup>/<sub>2</sub>" high  
1<sup>1</sup>/<sub>4</sub>" diam. recess



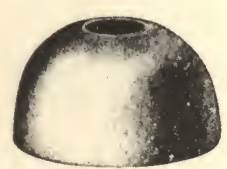
No. 308

3<sup>1</sup>/<sub>32</sub>" out. diam.  
1<sup>9</sup>/<sub>32</sub>" high  
5<sup>1</sup>/<sub>16</sub>" diam. recess



No. 1248

1<sup>1</sup>/<sub>4</sub>" out. diam.  
3<sup>3</sup>/<sub>8</sub>" high  
1<sup>1</sup>/<sub>4</sub>" diam. recess



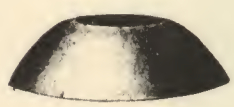
No. 945

1<sup>1</sup>/<sub>8</sub>" out. diam.  
2<sup>1</sup>/<sub>32</sub>" high  
3<sup>3</sup>/<sub>8</sub>" diam. recess

Made with metal washer inserted if specified.

### SEAT HINGE BUMPERS

Made of Gray, Black, White or Red Rubber, for use on Post Hinge Closet Seats.



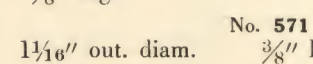
No. 73

1<sup>3</sup>/<sub>16</sub>" out. diam.  
1<sup>1</sup>/<sub>2</sub>" hole  
3<sup>3</sup>/<sub>8</sub>" high



No. 287

1<sup>3</sup>/<sub>16</sub>" out. diam.  
3<sup>3</sup>/<sub>8</sub>" or 1<sup>1</sup>/<sub>2</sub>" hole  
9<sup>1</sup>/<sub>16</sub>" high

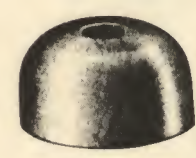


No. 571

1<sup>1</sup>/<sub>16</sub>" out. diam.    3<sup>3</sup>/<sub>8</sub>" hole    5<sup>1</sup>/<sub>16</sub>" high

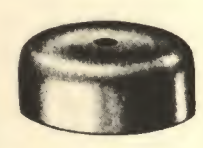
No. 673    **Special for Cowan Seat**  
1<sup>1</sup>/<sub>8</sub>" out. diam.    7<sup>1</sup>/<sub>16</sub>" hole    1<sup>1</sup>/<sub>16</sub>" off center    3<sup>3</sup>/<sub>8</sub>" high

### CLOSET SEAT BUMPERS



No. 1392

1" out. diam.  
1<sup>1</sup>/<sub>2</sub>" high  
1<sup>1</sup>/<sub>4</sub>" diam. recess



No. 1807

1" out. diam.  
3<sup>3</sup>/<sub>8</sub>" high  
1<sup>1</sup>/<sub>8</sub>" diam. recess

Made with metal washers inserted if specified.

BRIDGE PLUMBERS SUPPLY CO.



**BRIDGE****PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK****RECESS BUMPERS**

Made of Gray, Black, White or Red Rubber, with a recess to permit of a nail or screw head being thoroughly countersunk.

**No. 74**

$\frac{1}{2}$ " out. diam.  
 $\frac{7}{32}$ " high  
 $\frac{7}{32}$ " diam. recess

**No. 11**

$\frac{5}{8}$ " out. diam.  
 $\frac{3}{16}$ " high  
 $\frac{1}{4}$ " diam. recess

**No. 391**

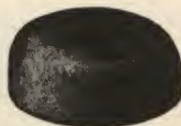
$1\frac{19}{32}$ " out. diam.  
 $\frac{7}{16}$ " high  
 $\frac{7}{32}$ " diam. recess

**No. 423**

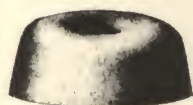
$\frac{3}{4}$ " out. diam.  
 $\frac{7}{16}$ " high  
 $\frac{7}{32}$ " diam. recess

**No. 1035**

$\frac{3}{4}$ " out. diam.  
 $\frac{3}{8}$ " high  
 $\frac{9}{32}$ " diam. recess

**No. 342**

$1\frac{11}{32}$ " out. diam.  
 $\frac{3}{8}$ " high  
 $\frac{5}{16}$ " diam. recess

**No. 970**

$1\frac{11}{32}$ " out. diam.  
 $2\frac{5}{64}$ " high  
 $\frac{3}{8}$ " diam. recess

**No. 9**

$1\frac{1}{16}$ " out. diam.  
 $\frac{7}{16}$ " high  
 $\frac{9}{32}$ " diam. recess

**No. 345**

$2\frac{3}{32}$ " out. diam.  
 $\frac{1}{2}$ " high  
 $\frac{3}{16}$ " diam. recess

**STRAP BUMPERS**

Made of Gray, Black, White or Red Rubber

**No. 136**

Head  
 $\frac{1}{2}$ " diam.  
 $\frac{3}{8}$ " high  
Flange  
 $\frac{5}{8}$ " diam.  
 $\frac{3}{64}$ " thick

**No. 310**

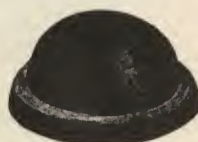
Head  
 $\frac{1}{2}$ " diam.  
 $\frac{3}{8}$ " high  
Flange  
 $2\frac{1}{32}$ " diam.  
 $\frac{3}{32}$ " thick

**No. 684**

Head  
 $\frac{3}{4}$ " diam.  
 $\frac{5}{16}$ " high  
Flange  
 $1\frac{1}{32}$ " diam.  
 $\frac{1}{8}$ " thick

**No. 934**

**Thimble Bumper**  
 $\frac{9}{16}$ " diam.  
at base  
 $1\frac{3}{16}$ " high

**No. 12**

Head  
 $\frac{7}{8}$ " diam.  
 $\frac{3}{8}$ " high  
Flange  
 $1\frac{1}{8}$ " diam.  
 $\frac{1}{8}$ " thick

**MUSHROOM BUMPERS**

Made of Gray, Black, White or Red Rubber

**No. 104**

Head  
 $1\frac{11}{32}$ " diam.  
 $\frac{3}{16}$ " high  
Stem  
 $\frac{3}{16}$ " diam.  
 $\frac{3}{16}$ " long

**No. 104-A**

Head  
 $\frac{1}{4}$ " diam.  
 $\frac{3}{16}$ " high  
Stem  
 $\frac{3}{16}$ " diam.  
 $\frac{3}{16}$ " long

**No. 402**

Head  
 $\frac{5}{8}$ " diam.  
 $1\frac{11}{32}$ " high  
Stem  
 $\frac{5}{16}$ " diam.  
 $\frac{9}{32}$ " long

**No. 200**

Head  
 $\frac{5}{8}$ " diam.  
 $\frac{5}{16}$ " high  
Stem  
 $\frac{7}{16}$ " diam.  
 $\frac{7}{16}$ " long

**No. 200-A**

Head  
 $\frac{5}{8}$ " diam.  
 $\frac{5}{16}$ " high  
Stem  
 $\frac{7}{16}$ " diam.  
 $\frac{5}{16}$ " long

**No. 371**

Head  
 $\frac{3}{4}$ " diam.  
 $\frac{3}{8}$ " high  
Stem  
 $1\frac{7}{32}$ " diam.  
 $\frac{3}{8}$ " long

**No. 371-A**

Head  
 $\frac{3}{4}$ " diam.  
 $\frac{3}{8}$ " high  
Stem  
 $\frac{3}{8}$ " diam.  
 $\frac{3}{8}$ " long

**No. 372**

Head  
 $\frac{7}{8}$ " diam.  
 $\frac{3}{8}$ " high  
Stem  
 $1\frac{7}{32}$ " diam.  
 $\frac{7}{16}$ " long

**No. 428**

Head  
 $1\frac{5}{16}$ " diam.  
 $1\frac{19}{32}$ " high  
Stem  
 $1\frac{9}{32}$ " diam.  
 $1\frac{5}{32}$ " long

**No. 1205**

Head  
 $1\frac{3}{16}$ " diam.  
 $1\frac{1}{16}$ " high  
Stem  
 $\frac{5}{8}$ " diam.  
 $\frac{3}{4}$ " long

BRIDGE PLUMBERS SUPPLY CO.





**BRIDGE**

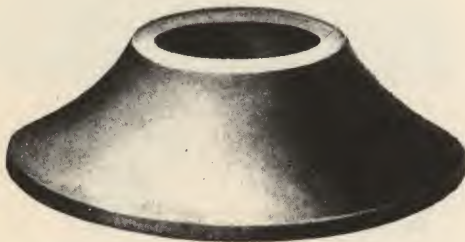
**PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK**

**PLAIN CUT SPUD WASHERS**



Size	Ins. Diam.	Out. Diam.	High
1 1/4"	1 1/2"	1 7/8"	5/8"
1 1/2"	1 13/16"	2 3/16"	5/8"
2 "	2 1/4"	2 5/8"	5/8"

**MONARCH TANK WASHER**



No. 1086

1" ins. diam. 2 5/8" out. diam. 3/4" high

**TANK WASHERS**

For Budde and McShane Tanks



No.	Size	Ins. Diam.	Out. Diam.	Thick
711	1 "	1 "	1 7/8"	1/4"
378	1 1/4"	1 1/4"	2 3/16"	1/4"
379	1 1/2"	1 1/2"	2 7/16"	1/4"

**FLANGED SPUD WASHERS**



No.	Size	Ins. Diam. at top	Ins. Diam. at base	Out. Diam. of flange	High
374	1 1/4"	1 7/8"	1 5/8"	2 1/2"	5/8"
352	1 1/2"	1 15/16"	1 7/8"	2 3/4"	5/8"
373	2 "	2 3/8"	2 1/4"	3 1/4"	1 1/16"
465	Special	2 5/16"	2 5/16"	3 "	1 1/16"

**BEVELED SPUD WASHERS**



No.	Size	Ins. Diam.	Out. Diam.	High
284	1 1/4"	1 9/16"	2 3/8"	7/16"
285	2 "	2 1/4"	3 1/8"	7/16"

**REDUCING SPUD WASHERS**



No.	Size	Ins. Diam.	Out. Diam.	High
1600	2" x 1 1/4"	1 5/8"	3 1/8"	5/8"
1600-1	2" x 1 1/2"	1 7/8"	3 1/8"	5/8"

BRIDGE PLUMBERS SUPPLY CO.





## BEVELED FLUSH VALVE WASHER



No. 1405  $2\frac{1}{4}$ " ins. diam., 3" out. diam.,  $\frac{3}{8}$ " high

No. 285 **Heavy Type**

$2\frac{1}{4}$ " ins. diam.,  $3\frac{1}{8}$ " out. diam.,  $\frac{7}{16}$ " high

## FLANGED FLUSH VALVE WASHER

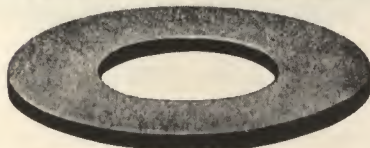


No. 465

$2\frac{5}{16}$ " ins. diam. at top  $2\frac{5}{16}$ " ins. diam. at bottom

3" out. diam. at flange  $1\frac{1}{16}$ " high

## FLAT TANK WASHER



Ins. Diam.	Out. Diam.	Thick
$\frac{7}{8}$ "	$1\frac{1}{2}$ "	$\frac{1}{8}$ "
1 $\frac{1}{8}$ "	$2\frac{3}{8}$ "	$\frac{1}{8}$ "
1 $\frac{1}{4}$ "	2	$\frac{1}{8}$ "
R1 $\frac{1}{4}$ "	$2\frac{5}{16}$ "	$\frac{1}{8}$ "
1 $\frac{5}{16}$ "	$2\frac{3}{8}$ "	$\frac{1}{8}$ "
R1 $\frac{1}{2}$ "	$2\frac{3}{4}$ "	$\frac{1}{8}$ "
$1\frac{1}{16}$ "	3	$\frac{1}{8}$ "
1 $\frac{3}{4}$ "	$3\frac{1}{8}$ "	$\frac{1}{8}$ "
2	$3\frac{1}{8}$ "	$\frac{1}{8}$ "
Syphonia	2 $\frac{5}{16}$ "	$3\frac{3}{32}$ "
Standard	$\frac{1}{2}$ "	$2\frac{1}{32}$ "
Special	$\frac{1}{2}$ "	$\frac{1}{8}$ "

## BEVELED WASTE AND OVERFLOW WASHER



No. 56

1  $\frac{7}{8}$ " ins. diam.

$2\frac{15}{16}$ " out. diam.

$\frac{9}{32}$ " thick side

$\frac{1}{8}$ " thin side

No. 1308

2  $\frac{3}{8}$ " ins. diam.

3  $\frac{1}{8}$ " out. diam.

$\frac{9}{32}$ " thick side

$\frac{1}{8}$ " thin side

No. 790

Light Pattern

2  $\frac{7}{32}$ " ins. diam.

$2\frac{31}{32}$ " out. diam.

$\frac{5}{32}$ " thick side

$\frac{3}{32}$ " thin side

No. 1454

1  $\frac{3}{4}$ " ins. diam.

2  $\frac{3}{4}$ " out. diam.

$\frac{1}{4}$ " thick side

$\frac{1}{8}$ " thin side

## BALL COCK SHANK WASHER



**Heavy Beveled Type**

No. 1395  $1\frac{5}{16}$ " ins. diam.,  $1\frac{3}{4}$ " out. diam.,  $\frac{7}{16}$ " high

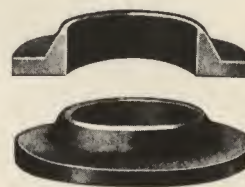
## BALL COCK SHANK WASHER



**Light Beveled Type**

No. 1592  $1\frac{5}{16}$ " ins. diam.,  $1\frac{3}{4}$ " out. diam.,  $\frac{1}{4}$ " high

## BALL COCK SHANK WASHER



**Flanged Type**

No. 1525  $1\frac{5}{16}$ " ins. diam.,  $1\frac{9}{16}$ " out. diam.,  $\frac{5}{16}$ " high

## BALL COCK SHANK WASHER



**Cut Type**

$1\frac{5}{16}$ " ins. diam.,  $1\frac{1}{2}$ " out. diam.,  $\frac{1}{4}$ " high





## MACK GASKETS

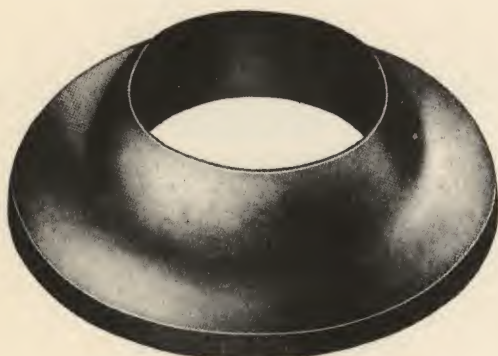


		Ins. Diam.	Extreme Out. Diam.	Height
No. 68	Basin	1 1/4"	2 "	3/8"
No. 1024	Special	1 1/4"	2 5/16"	3/8"
No. 369	Bath	1 5/8"	2 5/16"	3/8"
No. 370	Bath	1 7/8"	2 9/16"	3/8"

Cut Gaskets and Washers for use in Mack Basin and Bath Connections, also P. O. Plug Washers furnished in any size required. Specify inside and out side diameters, and thickness when ordering.

## SINK GASKET

(Old Style)



No. 62

1 7/8" ins. diam. at base      2 5/8" extreme out. diam.  
1 1/2" ins. diam. at top      7/8" extreme height

## SINK GASKET

(New Style)



No. 1534

1 3/8" ins. diam.    2 1/2" out. diam.    3/4" height

## CLOSET GASKETS AND RINGS

For Floor Flanges on Closet Combinations

### FLOOR FLANGE RING



No. 294

4" ins. diam.    4 5/8" out. diam.

Any other special size furnished when inside and outside diameters are mentioned on order.

### CORRUGATED FLOOR FLANGE GASKET



No. 9490

4 1/8" ins. diam.    6 3/4" out. diam.    1/8" thick

Any other special size furnished when inside and outside diameters are mentioned on order.

## DEMAREST RING



No. 466

2 5/8" ins. diam.    3 3/4" out. diam.

## SANITAS TRAP RING



No. 286

3 1/4" ins. diam.    3 7/8" out. diam.

BRIDGE PLUMBERS SUPPLY CO.



## SYPHON TANK RINGS

For C. & D. Type Old Style Syphon



### Regular Moulded Type

No.	Size	Ins. Diam.	Out. Diam.	High
264	1 "	1 1/8"	1 7/16"	1/2"
409	1 1/4"	1 5/16"	1 5/8 "	1/2"
410	1 1/2"	1 9/16"	1 13/16"	7/16"
644	1 5/8"	1 11/16"	2 1/16"	7/16"

### C. & D. Cut Rings



Sectional View of Cut Ring

Size	Ins. Diam.	Out. Diam.	High
1 "	1 1/8"	1 7/16"	17/32"
1 1/4"	1 5/16"	1 5/8 "	17/32"
1 1/2"	1 9/16"	1 13/16"	15/32"
1 5/8"	1 11/16"	2 1/16"	15/32"

## SYPHON PACKERS



No.	Ins. Diam.	Out. Diam.
566	1 1/4 "	2 1/4"
583	R 1 7/8 "	3 1/4"
504	R 1 5/16"	3 1/4"
584	2 1/16"	3 1/4"

## SYPHON PACKERS, REVERSIBLE



1 1/4" ins. diam. 2 3/16" out. diam. 15/32" thick

## SYPHON WASHERS

Featheredge



### Regular Sizes

No.	Size	Reg. Width of Flange
407	1 "	5/8"
500	1 1/8"	5/8"
112	1 1/4"	5/8"
501	1 3/8"	5/8"
111	1 1/2"	5/8"
502	1 5/8"	5/8"
321	1 3/4"	5/8"
503	1 7/8"	5/8"
322	2 "	5/8"

Can also be had in all sizes, narrow flange 9/16" wide and extra wide flange 1 1/16" wide.

## TANK RINGS

Flanged



No.	Ins. Diam.	Out. Diam.
761	2 1/8"	3 3/4"
762	2 5/8"	4 1/4"

## SYPHON TANK PACKINGS

Also Known as Pedro Washers



Sectional View

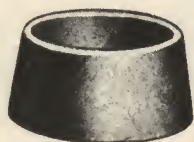
No.	Ins. Diam.	Out. Diam.
498	1 7/8"	2 5/8"
582	2 1/4"	3 3/16"





## UNIQUE OR BI-TRANSIT WASTE WASHERS

Also Known as Standing Waste



No. 114 1" Size



No. 115 1 1/4" Size



No. 49 1 1/2" Size

## MODEL WASTE WASHERS



No. 318

1"  
1 5/16" ins. diam.  
1 1/4" out. diam.  
5/8" high

1 1/4"  
1 3/16" ins. diam.  
1 9/16" out. diam.  
1 1/16" high



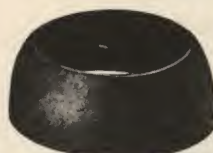
No. 319



No. 320

1 1/2"  
1 7/16" ins. diam.  
1 3/4" out. diam.  
3/4" high

## IDEAL WASTE WASHERS



No. 315

1"  
1 5/16" ins. diam.  
1 1/4" out. diam.  
1/2" high

1 1/4"  
1 3/16" ins. diam.  
1 1/2" out. diam.  
5/8" high



No. 316

## U.S. Usco Cone Top Tank Balls

Blown Type

Furnished unbranded except for size.



Packed 1 dozen in black metal edge box with U.S. label unless plain label is specified.

Size In.	Red Style		White Style	
	No.	Ea.	No.	Ea.
2	FR-11046	...	FW-11046	...
2 1/4	FR-11047	...	FW-11047	...
2 1/2	FR-11048	...	FW-11048	...
2 5/8	FR-11049	...	FW-11049	...
2 3/4	FR-11044	...	FW-11044	...
3	FR-11050	...	FW-11050	...

## Triple Seal Tank Balls



Cross Section Under Pressure

A patented flush ball that provides a 3-way, triple seal on the valve seat.

Is 94 per cent pure rubber.

Will not stick to the valve. Light and buoyant, allowing a complete flush. Flexible neck permits a perfect seat, even if the rod is not straight.

Guaranteed for 4 years.

Packed in individual cartons and in 3-color counter display boxes.

Size Ball.....	inches	2 1/4	Large
Used for Opening.....	inches	2 1/4-2 5/8	2 3/4-3
Each.....		\$1.00	1.00

## Mushroom Parabal Tank Balls



This peculiar shape enables the Mushroom Parabal to fit well down into the valve seat, stopping all trickle and waste of water.

Pliable and elastic, the Parabal touches every point in the seating surface of the valve, the water pressure from above against the outstanding lip closing the valve, regardless of how irregular the valve seat may be.

Price.....each \$1.25

BRIDGE PLUMBERS SUPPLY CO.





**U. S. Matchless White Solid Stoppers**

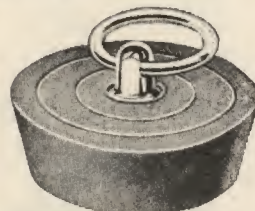
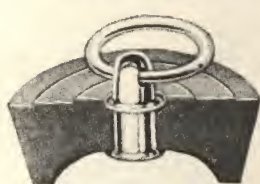
Trimmed with a modernistic design, chromium-plated post and ring. Makes a pleasing contrast with porcelain and chromium bath fixtures. Packed 12 in a black, metal edge box.



No.  
F-13714  
F-13715  
F-13716  
F-13717  
F-13718  
F-13719  
F-13720  
F-13776  
F-13721  
F-13722

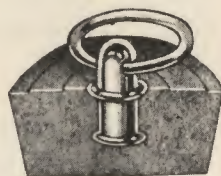
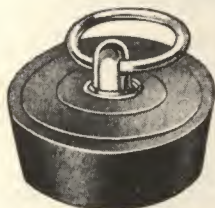
Trade Size  
Inches  
 $\frac{3}{4}$   
 $\frac{7}{8}$   
1  
 $1\frac{1}{8}$   
 $1\frac{1}{4}$   
 $1\frac{3}{8}$   
 $1\frac{1}{2}$   
 $1\frac{5}{8}$   
 $1\frac{3}{4}$   
2

**"SPECIAL CONCAVE STYLE"**



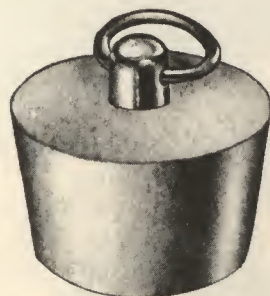
SIZES	1 "	$1\frac{3}{8}$ "	$1\frac{3}{4}$ "
	$1\frac{1}{8}$ "	$1\frac{1}{2}$ "	
	$1\frac{1}{4}$ "	$1\frac{5}{8}$ "	

**"SOLID STYLE"**



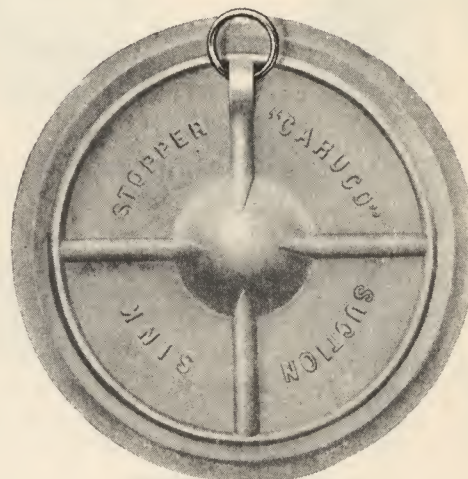
SIZES	1 "	$1\frac{3}{8}$ "	$1\frac{3}{4}$ "
	$1\frac{1}{8}$ "	$1\frac{1}{2}$ "	2 "
	$1\frac{1}{4}$ "	$1\frac{5}{8}$ "	

**"EXTRA HEAVY SOLID STYLE"**

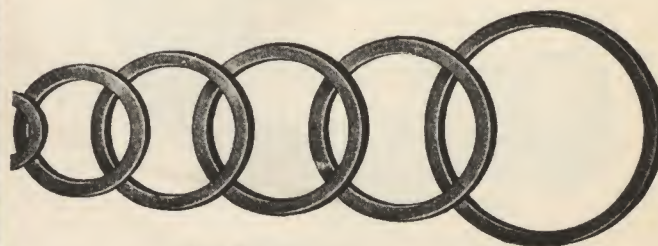


No.	Size	Diam. Bottom	Diam. Top
1465	$1\frac{1}{2}$ "	$1\frac{3}{8}$ "	$1\frac{5}{8}$ "
989	2 "	$1\frac{15}{16}$ "	$2\frac{3}{16}$ "

**CARUCO SUCTION STOPPERS**



No. 743	Sink	5" out. diam.
No. 745	Basin	$1\frac{7}{8}$ " out. diam.
No. 744	Bath	$2\frac{3}{4}$ " out. diam.



Flat Washer

No.	Description
1763	Flat—For $\frac{1}{2}$ " I. P. S. x $\frac{9}{16}$ " S. J. Nuts
1764	Flat—For $\frac{1}{4}$ " I. P. S. x $1\frac{1}{4}$ " S. J. Nuts
1765	Flat—For $1\frac{1}{2}$ " I. P. S. x $1\frac{1}{4}$ " S. J. Nuts
1766	Flat—For $1\frac{1}{2}$ " I. P. S. x $1\frac{3}{8}$ " S. J. Nuts
1767	Flat—For $1\frac{1}{2}$ " I. P. S. x $1\frac{1}{2}$ " S. J. Nuts
1768	Flat—For 2" I. P. S. x 2" S. J. Nuts

**Rubber Washers**



Cone Washer

No.	Description
1757	Cone—For Speedee Basin Connection
1758	Cone—For $\frac{3}{8}$ " I. P. S. x $\frac{7}{16}$ " S. J. Nuts
1759	Cone—For $\frac{1}{2}$ " I. P. S. x $\frac{7}{16}$ " S. J. Nuts
1760	Cone—For $\frac{1}{2}$ " I. P. S. x $\frac{1}{2}$ " S. J. Nuts
1761	Flat—For $\frac{1}{2}$ " I. P. S. x $\frac{7}{16}$ " S. J. Nuts
1762	Flat—For $\frac{1}{2}$ " I. P. S. x $\frac{1}{2}$ " S. J. Nuts

BRIDGE PLUMBERS SUPPLY CO.





## GAUGE GLASS WASHERS



Perfect



Round Flange



Square Flange

Perfect

(Inside, round flange and outside, square.)

No.	Size	Ins. Diam.	Out. Diam.	Thick
670	1/2"	7/16"	3/4"	1/4"
671	5/8"	9/16"	7/8"	1/4"
672	3/4"	1 1/16"	1 1/32"	1/4"

### Round Flange

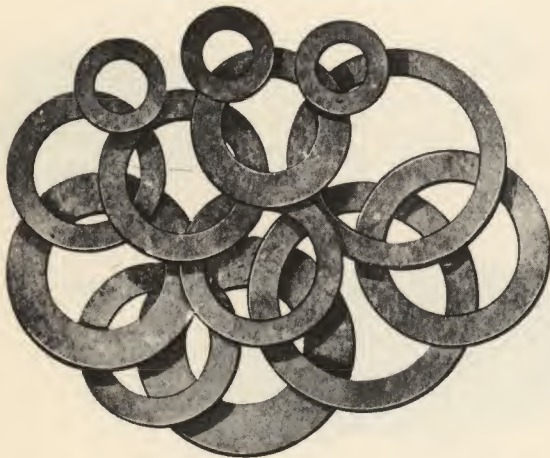
No.	Size	Ins. Diam.	Out. Diam.
546	1/2"	7/16"	1 3/16"
547	5/8"	9/16"	1 5/16"
548	3/4"	5/8"	1 "

### Square Flange

Size	Ins. Diam.	Out. Diam.	Thick
1/2"	7/16"	7/8"	1/4"
5/8"	9/16"	7/8"	1/4"
3/4"	1 1/16"	1 1/16"	1/4"
5/8"B	9/16"	1 5/16"	1/4"
3/4"B	1 1/16"	1 3/16"	1/4"

Special sizes made to specification.

## CUT WASHERS



To specifications for Sink Bolt Washers, P. O. Plug Washers, Basin Gaskets, C. & D. Washers, Union Washers, Slip Joint Washers and many other uses.

We solicit orders to customers' dimensions.

## HOSE WASHERS

	Ins. Diam.	Out. Diam.	Thick
1/2" and 3/4" size	1 1/16"	1 "	1/8"
1 " size	7/8"	1 1/4"	1/8"

Other sizes to specification.

## DIAPHRAGMS

### Low Pressure Diaphragms

For use on low pressure heating system



Made of high-grade rubber with two-ply duck insertion, in the following sizes:

No. 146	6"	No. 149	9"
No. 147	7"	No. 150	10"
No. 148	8"	No. 443	12"

Also to be had in 7/8" "low crown."

No. 155	7"	No. 611	7 3/4"
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### HOPPER OR CLOSET DIAPHRAGMS

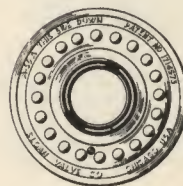
Made of high-grade rubber with one-ply heavy duck insertion.



1 7/8" out. diam., full 1/8" thick

## FLUSH VALVE DIAPHRAGMS

For Sloan Valves



Segment Diaphragm

Plain Diaphragm

## AUXILIARY WASHERS

For Sloan Valves



5/8" ins. diam. 1 13/16" out. diam. 5/64" thick



## CUP LEATHERS



### STANDARD PRICE LIST

Outside Diameter	Size Hole	List Per 100	List Per Gross
3/4"	0"	\$ 5.20	\$ 7.50
7/8"	0"	5.20	7.50
1"	3/8"	5.20	7.50
1 1/8"	3/8"	5.90	8.50
1 1/4"	3/8"	6.60	9.50
1 3/8"	1/2"	7.65	11.00
1 1/2"	3/4"	9.00	13.00
1 5/8"	1"	10.40	15.00
1 3/4"	1 1/8"	11.80	17.00
1 7/8"	1 1/4"	12.85	18.50
2"	1 1/4"	13.90	20.00
2 1/8"	1 1/4"	14.90	21.50
2 1/4"	1 1/4"	14.90	21.50

## LOWER VALVE LEATHERS



## FLAT PLUNGER LEATHERS



### STANDARD PRICE LIST

Cylinder or Valve Size	Outside Diam. of Leathers	List Per 100	List Per Gross
1 1/2"	2"	\$ 6.95	\$10.00
1 3/4"	2 1/4"	8.35	12.00
2"	2 1/2"	10.05	14.50
2 1/4"	2 3/4"	12.50	18.00

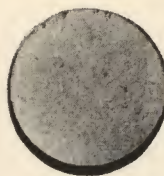


## ASSORTMENT 250

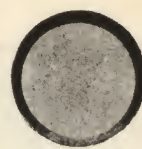
The above assortment contains 115 flexible leather cups used to replace worn leathers and restore to usefulness the following every day items:

- |                    |                |
|--------------------|----------------|
| Tire Pumps         | Blow Torches   |
| Grease Guns        | Sprayers       |
| Grease Connections | Door Checks    |
| Gasoline Lamps     | Syringes, etc. |

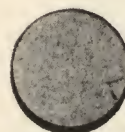
## BALL COCK WASHERS



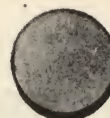
No. 746  
Dale  
1 3/16" x 1/8"



No. 574  
Special  
(Beveled edge)  
5/8" x 1/8"



No. 748  
Wolff  
5/8" x 1/8"



No. 749  
Wolff Junior  
9/16" x 1/8"

## RUBBER HUMP FERRULE ELBOW

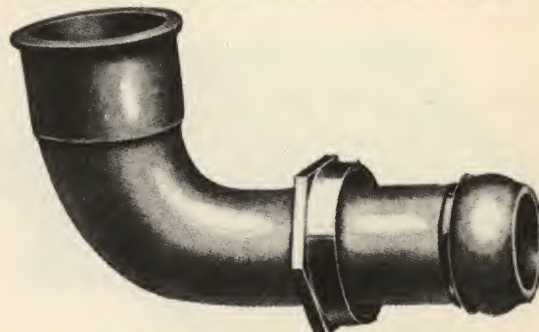


Fig. 18  
Does away with packing the nut with wicking  
1 1/4" I.D. x 1 1/4" I.P. opening with fittings  
1 1/2" I.D. x 1 1/4" I.P. opening with fittings

## Cotton Fiber Faucet Washers



### No. 405A

Made of Special Treated Cotton Fiber to Resist Boiling Hot Water.  
Can also be used for Cold Water.

	Outside Dia.	Thick.
	Inches	Inches
1/4 Regular	8/16	1/8
3/8 Regular	9/16	1/8
1/2 Regular	10/16	1/8
1/2 Large	11/16	1/8
5/8 Regular	12/16	1/8
5/8 Large	13/16	1/8
3/4 Regular	14/16	1/8
1 Regular	1 1/8	1/8

Packed 100 in a Box.

## PERFORATED HANGER IRON



### No. 1806

Furnished in 10 feet lengths.  
14 and 18 gauge.





### FORCE CUP

Heavy Low Down Pattern



No. 400 4 $\frac{5}{16}$ " out. diam. at base, 3 " high.

No. 500 5 $\frac{1}{4}$ " out. diam. at base, 3 $\frac{1}{2}$ " high.

Furnished rubber only with or without valve as specified.

Long wooden handles may be had, if desired, at a small extra charge.

### 6" FORCE CUP

Known as Jumbo, Samson, etc.



No. 313 6" out. diam. at base, 5 $\frac{1}{4}$ " high

Furnished rubber only with or without valve as specified.

Long wooden handles may be had, if desired, at a small extra charge.

### NEW 6" FORCE CUP

Extra Heavy Type



No. 1153 6" out. diam. at base, 5 $\frac{1}{4}$ " high

Furnished rubber only, unless long wooden handles are clearly specified.

## The MODERN AIR FORCE PLUNGER

Clean  
Sanitary  
Powerful

Scientifically  
Designed



FOR ALL  
PLUMBING  
FIXTURES  
AND DRAINS

"BRICO"

B  
R  
I  
D  
G  
E  
  
P  
L  
U  
M  
B  
E  
R  
S  
  
S  
U  
P  
P  
L  
Y  
  
C  
O.



## ATTACHMENTS

For Hose or Faucet

Also Known as Royal Hose Attachments



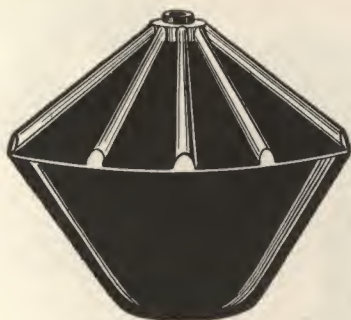
No. 275 Small

$\frac{5}{8}$ " ins. diam. bev. to  $\frac{1}{2}$ "  
 $1\frac{11}{32}$ " extreme out. diam.  
 $\frac{5}{8}$ " extreme height

No. 276 Large

$\frac{3}{4}$ " ins. diam. bev. to  $\frac{9}{16}$ "  
 $1\frac{17}{32}$ " extreme out. diam.  
 $1\frac{1}{16}$ " extreme height

## "BRICO" Fits-All Tank Balls



No. 1575

One size fits all size valves. The special construction insures sure and true fit on all types of valve seats. Made of special compounded black rubber with unconditional service guarantee for 3 years.

Packed in individual boxes.

12 boxes to attractive display carton.

## SUCTION CUPS (Cuts Actual Size)



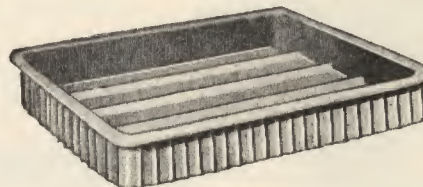
No. 1718  $1\frac{3}{8}$ " diam.

No. 1382  $1\frac{1}{2}$ " diam.

May be had with any of the following inserts;

- With 8-32 Brass Machine Screw
- " No. 8 " Wood Screw
- " Brass Tubular Rivet

## SOAP DISH



No. 1291

Standard Colors White and Red

## RUBBER TUBING



## WHITE OR RED

Commercial Quality

Inside Diameter	Thickness of Wall	Feet per box
$\frac{1}{8}$ "	$\frac{1}{16}$ " Plain	50
$\frac{3}{16}$ "	$\frac{1}{16}$ " "	50
$\frac{1}{4}$ "	$\frac{1}{16}$ " "	50
$\frac{5}{16}$ "	$\frac{3}{32}$ " Plain or Corr.	50
$\frac{3}{8}$ "	$\frac{3}{32}$ " " " "	50
$\frac{7}{16}$ "	$\frac{3}{32}$ " " " "	50
$\frac{1}{2}$ "	$\frac{3}{32}$ " " " "	50
$\frac{5}{8}$ "	$\frac{1}{8}$ " " " "	50
$\frac{3}{4}$ "	$\frac{1}{8}$ " " " "	50
$\frac{7}{8}$ "	$\frac{1}{8}$ " " " "	50
1 "	$\frac{1}{8}$ " " " "	50





## Gas Hose Cocks; Brackets; Gas Tips

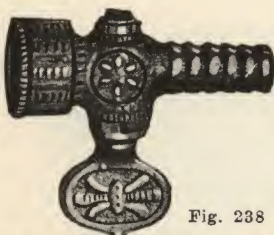


Fig. 238

## HOSE COCK (Female)

Size	List Per Doz.
1/8 inch	\$2.10
1/4 inch	2.25
3/8 inch	2.45
1/2 inch	2.60
3/4 inch	4.00

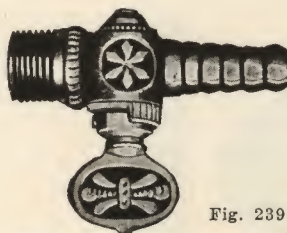


Fig. 239

## HOSE COCK (Male)

Size	List Per Doz.
1/8" Male Hose Cock	\$2.25
1/4" Male Hose Cock	2.45
3/8" Male Hose Cock	2.60
1/2" Male Hose Cock	2.75

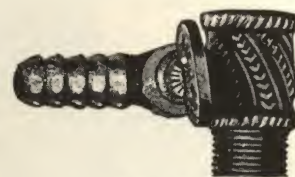


Fig. 240

## INDEPENDENT COCK

Size	List Per Doz.
1/4 x 1/8 inch	\$2.75
1/4 x 1/4 inch	3.00
3/8 x 3/8 inch	3.25
1/2 x 1/2 inch	4.00
1/2 x 3/4 inch	4.00



Fig. 241

## PILLAR COCKS (Female)

Size	List Per Doz.
1/8" Female Pillar Cock	\$1.95
1/4" Female Pillar Cock	2.10
3/8" Female Pillar Cock	2.25



Fig. 242

## "L" BURNER COCK

Size	List Per Doz.
1/8" "L" Burner Cock	\$2.10
1/4" "L" Burner Cock	2.25
3/8" "L" Burner Cock	2.60



Fig. 243

## STRAIGHT COCK

Size	List Per Doz.
1/4" x 1/4" Straight Cock	\$2.25
3/8" x 3/8" Straight Cock	2.45
1/2" x 1/2" Straight Cock	2.80

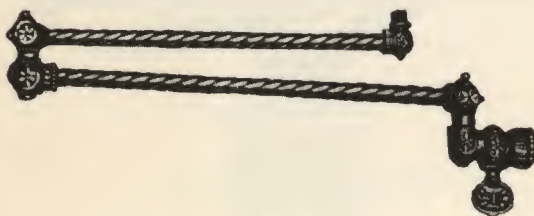


Fig. 246

Double Swing Gas Bracket  
We can also supply triple swing brackets.



Fig. 245

## DOUBLE INDEPENDENT

1/8" x 1/8" Double Independent  
Hose Cock .....\$4.00



Fig. 244

## HOSE END

Size	Doz.
1/4" Hose Connection	\$1.00
1/4" Hose Connection	1.15
3/8" Hose Connection	1.25
1/2" Hose Connection	1.50
3/8" Male Hose Connection	1.25

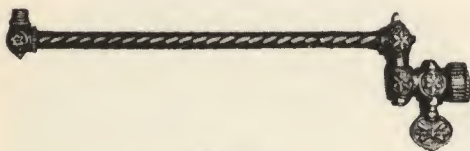


Fig. 247

Single Swing Gas Bracket

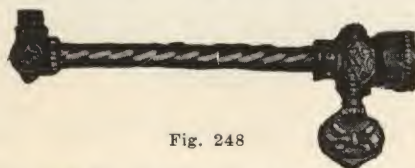


Fig. 248

6" Stiff Gas Bracket—Also Furnished in 8"



Fig. 249

Jumbo Burners



Fig. 250

Brass Pillars

Fig. 251  
Lava TipsFig. 252  
Aluminum Tips



# Repair Parts

## TOGGLE BOILER REPAIR

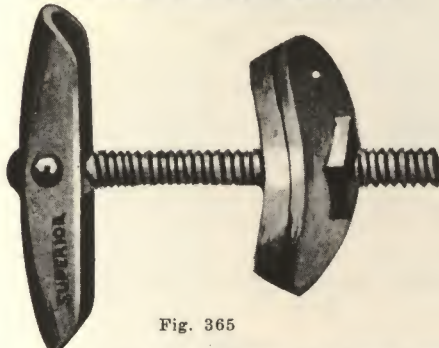


Fig. 365

Consists of Steel Toggle Bolt, galvanized steel disc curved to shape of boiler; high grade rubber washer and toggle bolt 3" long by  $\frac{3}{8}$ " or  $\frac{1}{4}$ " thick.

## PHILLIPS BOILER REPAIR

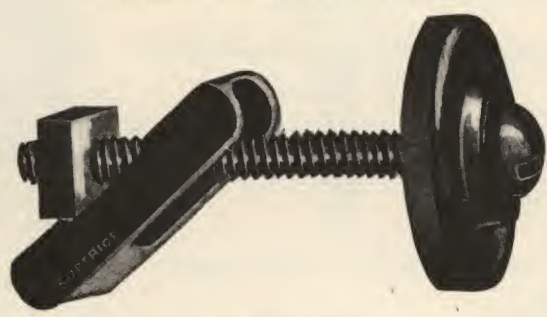


Fig. 366

Consists of brass disc curved to shape of boiler high grade rubber washer, coppered bolt, brass nut and cast iron toggle, 2" long and  $\frac{1}{4}$ " thick.

## ROYAL FAUCET ATTACHMENT

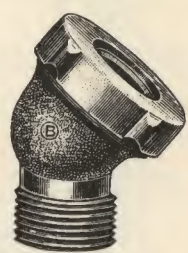


Fig. 195

For  $\frac{1}{2}$ "- $\frac{5}{8}$ " Bibbs  
 $\frac{3}{4}$ " hose thread

## EMERGENCY PLUG BOILER REPAIR

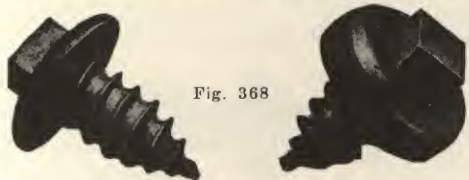


Fig. 368

SMALL SIZE — LARGE SIZE

Repair plug for steam and hot water boilers, gasoline tanks and all sheet metal repairs.

## HOSE COUPLINGS

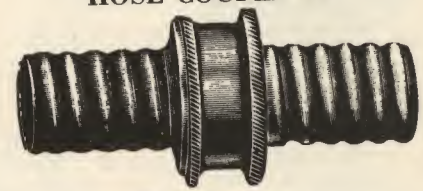


Fig. 199

Sizes  $\frac{1}{2}$  inch,  $\frac{5}{8}$  inch,  $\frac{3}{4}$  inch  
Packed 2 dozen to a box.

## REPAIR PLATE FOR CAST IRON SOIL PIPE

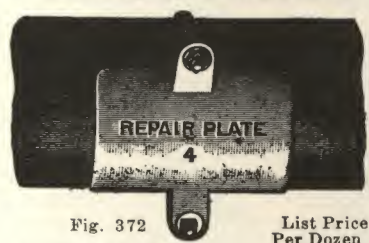


Fig. 372

List Price  
Per Dozen

A—Size for 2" pipe.....	\$4.80
B—Size for 3" pipe.....	6.00
C—Size for 4" pipe.....	7.20
D—Size for 5" pipe.....	9.60
E—Size for 6" pipe.....	12.00

## HORSE SHOE CLAMP

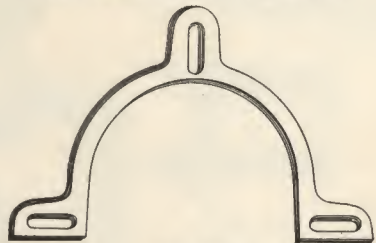


Fig. 373

IRON  
FOR HOPPER

Light 8 ounces each  
Heavy 16 ounces each

## PHILLIP'S REPAIR PLATE FOR CAST IRON SOIL PIPE

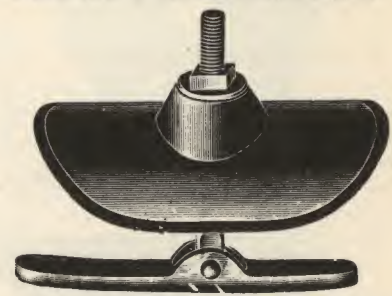


Fig. 374

List Price  
Per Dozen

Size for 2" pipe.....	\$4.80
Size for 3" pipe.....	6.00
Size for 4" pipe.....	7.20
Size for 5" pipe.....	9.60
Size for 6" pipe.....	12.00

## CAST IRON SINK AND TRAY COLLARS



Fig. 375

Threaded for iron pipe connection  
Sizes:  $1\frac{1}{4}$ "- $1\frac{1}{2}$ "-2"

Fig. 376

For Lead Pipe

## SPLIT SINK COLLAR

NOT ILLUSTRATED

Can also supply split sink collar for lead pipe which can be used where plumber does not wish to disturb trap that is already installed. A time saver when making repairs.

## PERFECT CLINCHING HOSE COUPLINGS

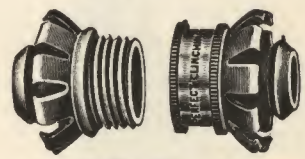


Fig. 201

Sizes  $\frac{1}{2}$  inch,  $\frac{5}{8}$  inch,  $\frac{3}{4}$  inch  
Packed 2 dozen to a box.





### CLOSET SCREWS



Fig. 378

**BRASS:**—Complete With N.P. Brass Heads and Washers....  
**STEEL:**—Brass Plated Complete With N. P. Brass Heads and Washers .....

Light round washers supplied unless otherwise specified

### CLOSET BOLTS



Fig. 379

#### BRASS HEAVY

1 3/4" x 1/8" Heavy Flange Bolts  
 2 1/4" x 1/8" Heavy Flange Bolts

#### BRASS LIGHT

1 3/4" x 1/4" Light Flange Bolts  
 2 1/4" x 1/4" Light Flange Bolts  
**STEEL**  
 1 3/4" x 1/4" Brass Plated

Furnished Complete With N. P. Brass Nuts and Washers.  
 Light oval washer supplied unless otherwise specified

### BASIN COCK WASHER GALVANIZED IRON

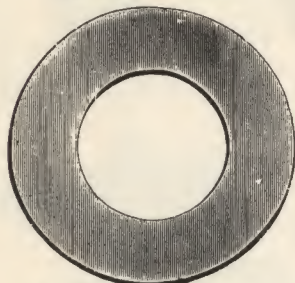


Fig. 380

### SPRING TYPE TOGGLE BOLTS

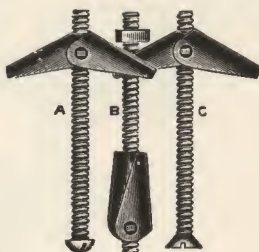


Fig. 381

Sizes: 1/8"-3/16"-1/4"-5/16" Diameter  
 Lengths 2"-2 1/2"-3"-4"-5"

### BRASS WASH TRAY BOLTS IRON NUT

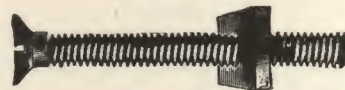


Fig. 382

Sizes: 1 3/4" and 2 1/4"  
 Packed 144 to the box

### SINK BOLTS

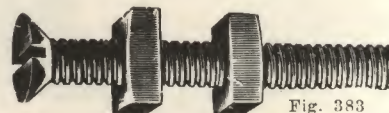


Fig. 383

IRON, IRON N. P. AND BRASS N. P.  
 2 1/2" long packed 100 to the box

### CHAIN STAY WASHER GALVANIZED IRON

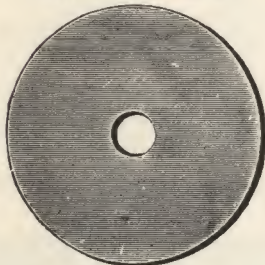


Fig. 384

### MONITOR HEATING BURNER



Fig. 389

No. 1, Top 2 inch  
 No. 2, Top 3 inch  
 No. 3, Top 4 inch

### STOVE BOLTS

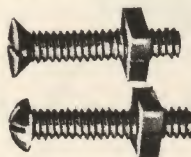


Fig. 385

Round and Flat Head  
 1/4" x 1" Iron  
 100 to the box

### THREADED BRASS AND STEEL ROD



Fig. 386

1/4" diameter, lengths of 2 feet

### NICKEL PLATED BRASS CLOSET WASHERS

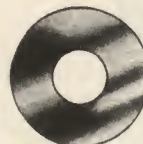


Fig. 387  
Round

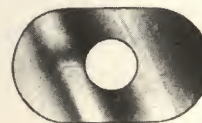


Fig. 388  
Oval

Light and Heavy Gauge  
 Pierced 5/16" diameter hole.

### TOGGLE BOLTS



Fig. 390  
Round Head

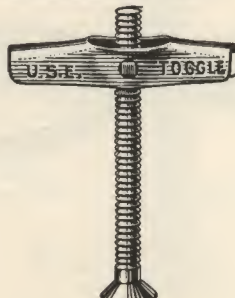


Fig. 391  
Flat Head

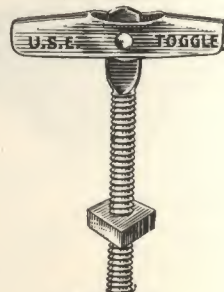


Fig. 392  
Bolt Head

Sizes: 1/8"-3/16"-1/4"-5/16" Diameter  
 Lengths 2"-2 1/2"-3"-4"-5"





**INNER VALVE TUBE  
FOR HIGH TANK  
VALVES  
BRASS**

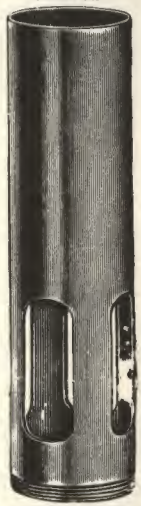


Fig. 309  
4 1/2" and 6" long

**COPPER COLLAR  
REPAIR**

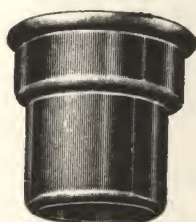


Fig. 313  
For repairing nickel plated  
flush pipes

**TANK TAIL PIECE  
BRASS**



Fig. 314  
For Lead Flush Pipe

**BRASS BIBB  
BUSHING**



Fig. 351  
1/2" I. P. x 3/4" I. P.  
1/2" I. P. x 1/2" H. G.

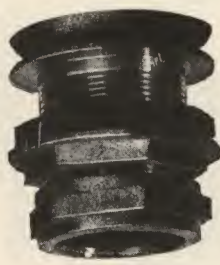


Fig. 315

**VALVE SEAT  
BRASS**

For high tank, galvanized  
valve furnished 1 1/4" and  
1 1/2" inch sizes.

**GEM BOWL  
CLAMP**

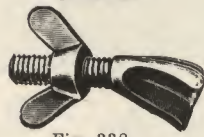


Fig. 338  
BRASS

**HOPPER CLAMP**



Fig. 344  
BRASS HOPPER  
CLAMP

**LUG TRAP SCREW  
AND STRAIGHT COLLAR FOR  
LEAD TRAPS**



Fig. 353  
For 1 1/4", 1 1/2" and 2" Trap

**CLAMPS**

**"CRESCENT" BRASS BASIN CLAMP**



Fig. 342

**"WILLMENT" BASIN CLAMP**



BRASS Fig. 343

**BRASS SWEAT RING  
OR COLLAR**

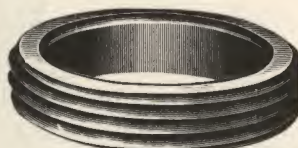


Fig. 354

Size Thread on Collar	Size Hole in Collar
1 1/4 in. I. P. S.	1 1/4 in.
1 1/2 in. I. P. S.	1 1/2 in.
1 3/4 in. I. P. S.	1 3/4 in.
2 in. I. P. S.	2 in.
2 1/2 in. I. P. S.	2 1/2 in.

**SQUARE HEAD TRAP  
SCREW**

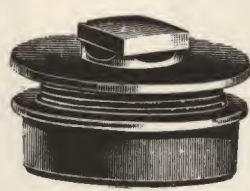


Fig. 352

Size	1	1 1/4	1 1/2	2	2 1/2
List dz.	3.00	3.60	4.20	7.20	12.00
Size	3	3 1/2	4	5	6
List dz.	15.00	18.00	21.00	27.00	42.00

**INDEX RETAINER RING**



Fig. 222

For China Index Handles

**REDUCING TAIL  
PIECE**



Fig. 113  
Reducing 1 1/2" to 1 1/4" O.D.  
Lengths: 4"-6"-8"-10"-12"  
Satin nickel finish and  
polished nickel finish.

**STRAIGHT TAIL  
PIECE**



Fig. 114  
Sizes: 1 1/2" O.D.  
Lengths: 4"-6"-8"-10"-12"  
Satin nickel finish and  
polished nickel finish.

**4 BALL REMOVABLE  
CHINA INDEX HANDLE**

**NICKEL OR CHROMIUM  
PLATED**



Fig. 220  
2 3/4"

Can be supplied with or without  
set screw on side.  
Made to fit square end stems.  
Also 8 and 16 corrugation stems.







**BRIDGE**

**PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK**

### SINK STRAINERS

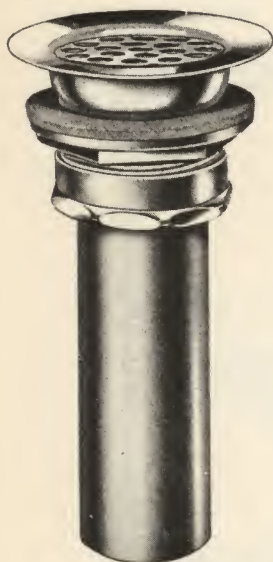


Fig. 110

Seat to engage snap-in strainer or rubber stopper. Furnished with 1 1/4" or 1 1/2" tailpieces 4" long.

LONGER TAILPIECES SUPPLIED SPECIAL

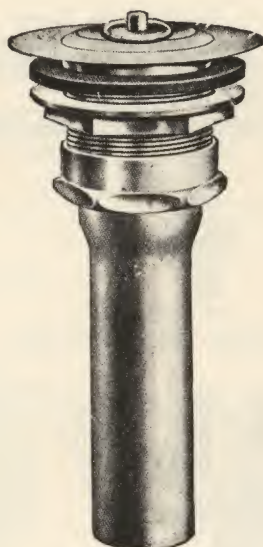
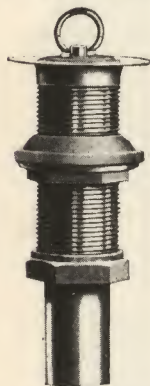


Fig. 111

### P. O. PLUG

### C. O. PLUG



For Lead Connection with 2 5/8" Plug

Fig. 108

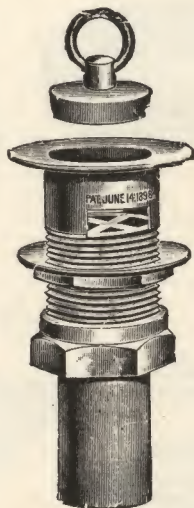


Fig. 109

For Lead Connection with 2 5/8" Plug

SUPPLIED WITH RUBBER STOPPER LESS MACK WASHER

### Gas Pilot Lighters New Type



No. 1615—For Artificial Gas  
No. 1615A—For Natural Gas

### High Closet Tanks

Oak high tank with 8-ounce copper lining, goose neck syphon, top or bottom supply, ball cock, lock-nuts and couplings, chain and pull.

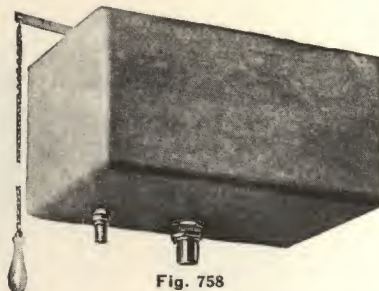


Fig. 758

Size.....inches	17x8x10	18x10x10	20x10x10
Price, without Varnish, Stain or Filler.....each	.....	.....	.....
Price, with One Coat Varnish, no Stain or Filler.ea.	.....	.....	.....

### No. V-60-A Vacuum Breakers

Has union coupling on inlet, with 1 1/2-inch straight pipe thread, suitable for most flush valves.

Furnished with special coupling suitable for old style flush valves at no extra charge, on receipt of sample coupling. Outlet is threaded for integral slip joint coupling for 1 1/2-inch o.d. tubing.



N-2896

### No. 9190 Speakman Si-Flo Back-Syphon Preventers

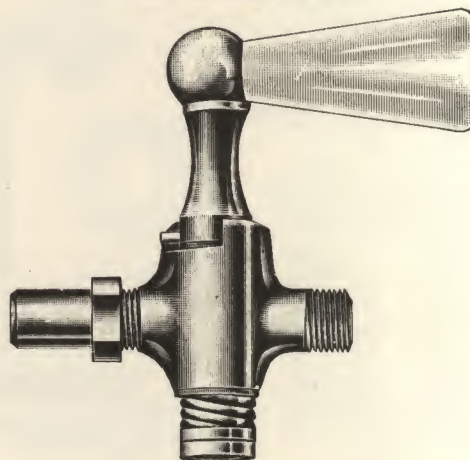
Can be furnished to fit most types of flush valves upon receipt of information giving make, diameter and pitch of the threads on coupling nut and size of flush pipe.

Tailpiece, 1 1/2 inches, is furnished regular unless otherwise specified.

No. 9190, Chromium-Plated.....each .....



### Gas Range Cock



No. 763

Fits most Popular Standard Brands of Gas Ranges. Nickel Plated with Porcelain Handle.

### Gas Pilot Lighters



No. 1614—For Artificial Gas  
No. 1614A—For Natural Gas

BRIDGE PLUMBERS SUPPLY CO.







## STRAINERS

**3 PRONG STRAINER  
N. P.**



Fig. 203  
Diameter 1 5/8" - 1 3/4"

**TWO HOLE SINK STRAINER**

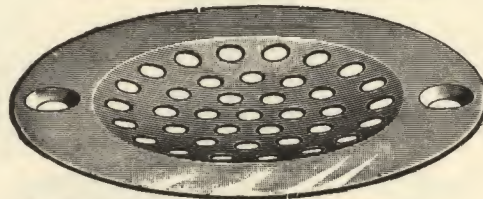


Fig. 204  
**BRASS NICKEL PLATED**  
Sizes: 4 5/8" and 4 7/8"

**CAST IRON SINK  
STRAINER**



Fig. 205  
Black or Galvanized  
Sizes: 4" - 4 1/2" - 4 3/4" - 5"

**SCREW-IN STRAINER  
N. P.**

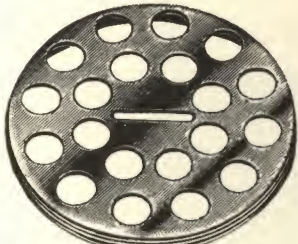


Fig. 206 Diameter 1 7/8"

**FLAT STRAINER**

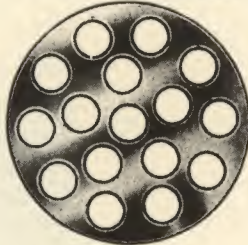


Fig. 207  
Sizes:  
1" - 1 1/4" - 1 1/2" - 2" - 2 1/2" - 3"

**LAVATORY GRATING N.P.**



Fig. 208  
Supplied with bolt 1 1/2" long  
When So Ordered

**P. O. PLUG  
STRAINER**



Fig. 209  
Satin Finish

**CONNECTED WASTE AND  
OVERFLOW STRAINER**

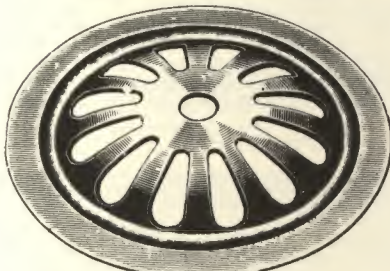


Fig. 210  
Wrought Brass and Polished Nickel

**CONVEX STRAINER**

CAST BRASS



Fig. 211  
Diameter 2 1/2" - 3"

**STANDARD STRAINER  
N. P.**

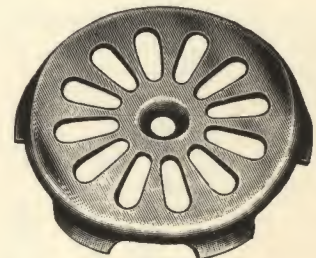


Fig. 212  
With Bolt Hole in Centre

**THREE HOLE SINK STRAINER  
BRASS**



Fig. 213  
Sizes: 3 3/8" and 3 1/2"

**URINAL STALL STRAINER**



Fig. 216  
4 1/2" Diameter, for 3" L. P. Connection  
Also for 2" I. P.

**FINISHED BRASS WASH TRAY PLUGS AND  
COLLARS OR STRAINERS AND STOPPERS**



Fig. 214

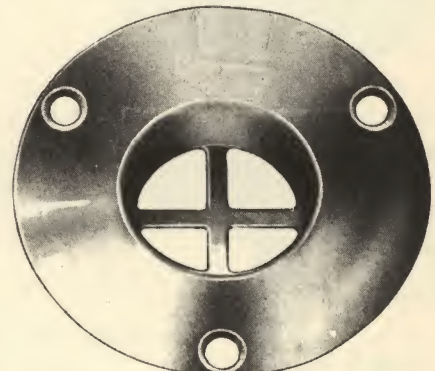


Fig. 215  
3 3/8" Diameter, 1 1/2" Plug  
Can be supplied with rubber stopper when so ordered



## Chain Stays and Cock Hole Covers

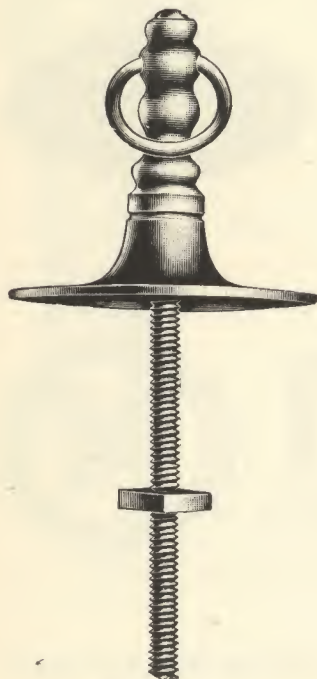


Fig. 162

Faucet Hole Cover and Chain Stay  
Polished and nickel-plated  
Sheet brass pedestal with rod post  
Base 2" diameter  
Shank, 2 3/8" long

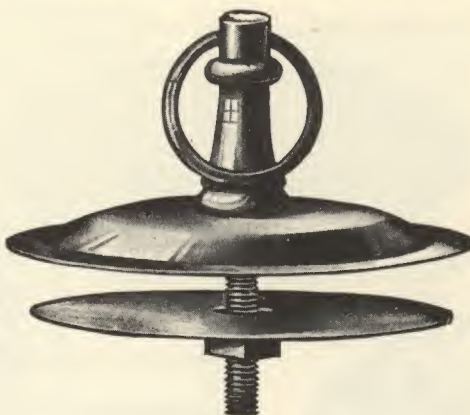


Fig. 163  
2 1/4" Wide

Will cover Unique or BI Transit Waste Hole



Fig. 165  
Chain Stay Bolt  
For Overflows  
Brass, Polished Nickel  
Length of Shank, 1 1/4 inches



Fig. 166  
Chain Stay

Polished and nickel-plated  
Turned from brass rod  
Base, 1/8" diameter  
Shank, 5/8" long

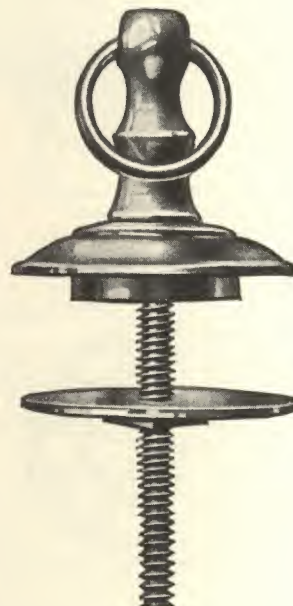


Fig. 164

Chain Stay to Fit Pop-up Drilling  
Made of brass, polished and nickel-plated  
Base, 1 1/2" diameter  
Shoulder, 7/8" diameter  
Shank, 2 1/2" long  
Brass Lock Washer, 1 1/2" diameter, with lock nut

### COCK HOLE COVER

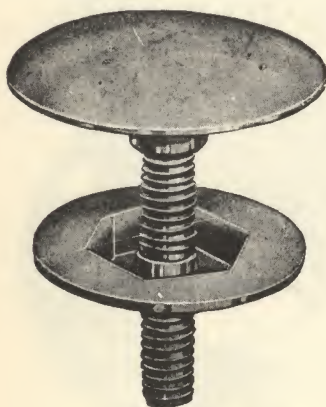


Fig. 167

Polished and Nickel Plated

Diameter of top 1 3/4" for Basin  
Diameter of top 3" for Bath

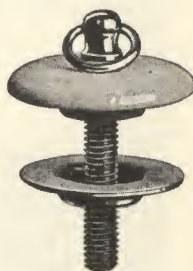


Fig. 168

CHINA

Faucet Hole Cover and Chain Stay

China Top, 1 3/4" diameter  
China Shoulder, 7/8" diameter  
Brass Shank, 1 1/2" long  
Lock Nut, 1 1/2" diameter  
Post and Ring, polished and nickel-plated.

### CHINA FAUCET HOLE COVERS



Fig. 169

Diameter 2 1/4"



### BRASS PLUMBERS' LINK CHAIN

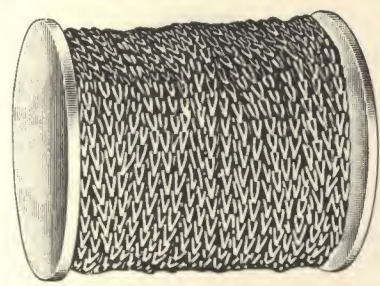


Fig. 153  
Plumbers' Link Chain packed 500 feet on a reel

Size	Gauge	Price List per 100 feet	Extra for Nickel Plating 10 cents per 100 feet net
No. 00	.017	\$4.00	
" 0	.021	5.00	
" 1	.028	6.25	
" 2	.032	8.00	20
" 3	.035	10.00	

### NICKEL SILVER BEAD CHAIN

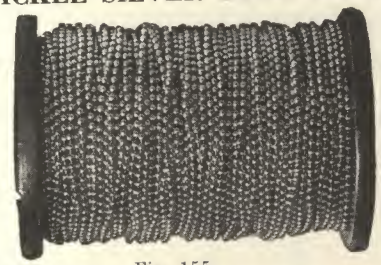


Fig. 155  
ON REELS OF 500 FEET

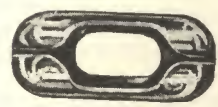


With Type "B" Couplings with No. 10 Bead Chain

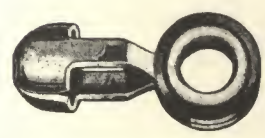


With Type "A" Couplings with No. 10 Bead Chain

Lengths 11" Long with Couplings for Basin  
Lengths 15" Long with Couplings for Tray  
Lengths 18" Long with Couplings for Bath  
Type "B" Coupling supplied unless ordered otherwise



No. 954 Type "B" Coupling



No. 953 Type "A" Coupling

### CHAIN STAY OR PLUG RINGS



Fig. 160  
Diameter  $\frac{3}{4}$ " O.D.  
.085 Wire

### BRASS PLUMBERS CHAIN

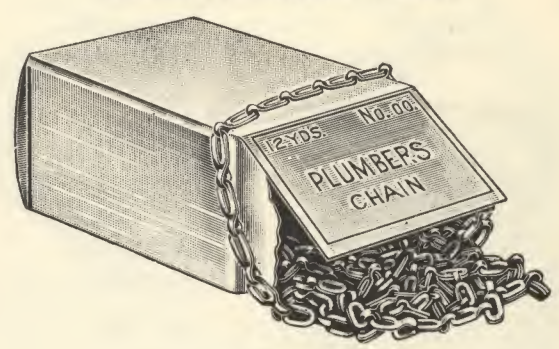


Fig. 154

Size	Gauge	Price List Boxes of 12 Yards	Extra for Nickel Plating 5 cents per doz. yds. net
No. 00	.017	\$1.45	
" 0	.021	1.80	
" 1	.028	2.25	
" 2	.032	2.90	10
" 3	.035	3.60	

### BASIN, BATH AND WASH TRAY CHAINS WITH SNAPS

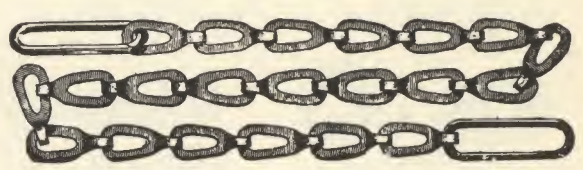


Fig. 156

Basin 16" Long  
Wash Tray 20" Long  
Bath Tub 26" Long  
Can be supplied in any gauge desired  
Packed twelve lengths to the box

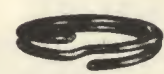


### Eight Hooks

No.	N. P. Brass	Size
3609		Small
3610		Medium
3611		Large



No. 3618



3619-C



### Chain Stay and Stopper Split Rings

No.	N. P. Brass	Size
3618 N.P.	Nickel Plated	Small
3618-C	Chrome Plated	Medium
3619-C	Chrome Plated	Large

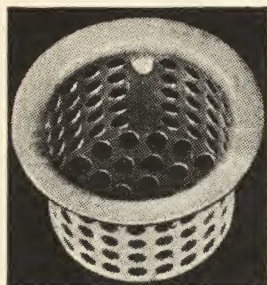
### Split Links

No.	N. P. Brass	Size
3616		Small
3617		Large





### Kach-All Sink Strainer



No. 3099

Can be used with regular drain outlet by removing old style flat strainer. Rubber suction stopper can be used with this model.

### Kach-All Strainer



No. 3100

For wash basins or bath room sinks with regular drain outlet. Rubber suction stopper must be used to fill Basin with this style.

### Kach-All Strainer



No. 3102

For bath tubs, wash trays, set tubs, and wash tubs. Regular rubber stopper can be used.

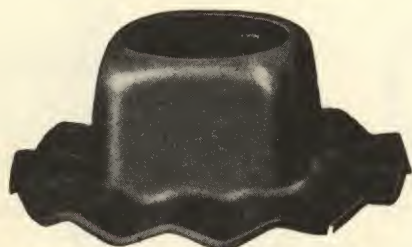
### Kach-All Strainer



No. 3103

For wash basins and bathroom sinks. with narrow flange. Sets in drain outlet to allow use of regular stopper.

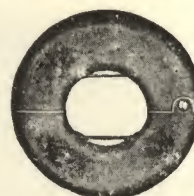
### Basin Cock Washer



No. 3358

This washer is also called a "Rosette" or Cock hose washer. It is used as a lock washer to keep faucet from turning.

### No. 102 Keeney Floor and Ceiling Plates



Keeney Plates have a full standard 1-inch flange. Made of heavy gage steel and will not dent.

All plates are furnished with tempered springs.

Nickel finish.

Size...in.	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
Each....	\$ .28	.29	.30	.32	.35	.38	.45	.65	.80	1.00	1.25

### Perforated Extension Bars

#### Hanger Iron



Holes 5/8-inch on center. Shipped in 5 and 10-foot lengths.

No.	Per 100 Feet	Width Inches	Gauge	Size Pipe Inches	Wt., Lbs. per 100 Feet
00	\$4.55	3/4	18	1/2 to 1 1/2	12
0	5.70	3/4	16	1/2 to 1 1/2	13 1/2
1	6.35	7/8	16	1/2 to 1 1/2	14 1/2
2	7.70	1	14	2 to 3	24
3	12.55	1 1/8	12	3 1/2 to 6	32
4	13.70	1 1/4	12	7 to 8	35

### "BRICO" Drain Pipe Cleaner



This cleaner is a powerful solvent for clearing clogged drains of laundry tubs, bath tubs, sinks, toilets, urinals, grease traps, etc. Quickly dissolves any material that ordinarily clogs drains except metal, wood or glass. Regular use will remove accumulations of grease from walls of traps and drains; keeps them wide open and free flowing; eliminates possibility of stoppage and promotes sanitation; is all solvent; contains no adulterants.

Size Containers.....	lbs.	1	2
Each.....		\$ .60	1.10
No. to Case.....		48	24
Shipping Weight per Case.....	lbs.	58	55

### Special Bulletins

It is impossible to list in complete detail all lines of standard material, but we will gladly furnish special catalogs, bulletins and prices upon request, covering lines not fully described nor shown in this catalog.



## No. 12 Plain Wood Closet Pulls



Price, Oak, with Rubber Ring... each .....

" China or Celluloid..... each .....

## Cast Brass Closet Spuds

### Regular

No. 7021, I.P. Size 1 1/4-Inch..... each .....

No. 7022, I.P. Size 1 1/2-Inch..... each .....

No. 7023, I.P. Size 2-Inch..... each .....

### Reducing

No. 6780, I.P. Size 2x1 1/4-Inch..... each .....

No. 6781, I.P. Size 2x1 1/2-Inch..... each .....

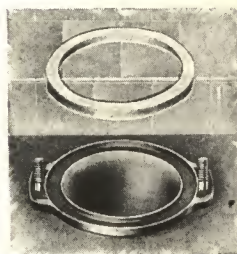
## Closet Spud Reducers



No. 484, 2-Inch I.P. x 1 1/4-Inch  
O.D. Slip Joint..... each .....

No. 486, 2-Inch I.P. x 1 1/2-Inch  
O.D. Slip Joint..... each .....

## Moore New Principle Water Closet Floor Flanges



No. 1

This floor flange traps the connection between the water closet and the soil line. It is absolutely sewer gas and water tight.

Will fit any standard long horn bowl.

The weight of the closet, and the pressure of the bolts compress the greased felt gasket to one-third its thickness, giving two grease seals and one pressure seal, making a complete trap.

The illustration shows the No. 1 floor flange soldered to the lead soil pipe, with the felt gasket, saturated with a non-evaporable mineral grease, ready to set in recess of the flange.

Size.....inches 4  
No. 1, Brass, for Lead Bends.....each .....

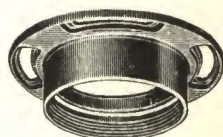
No. 2, Brass, for Cast Iron Bends.....each .....

No. 2, Gray Iron, for Cast Iron Bends.....each .....

No. 3, Brass, Tapped I.P.T.....each .....

## Renton Brass Floor Flanges

### No. 4949

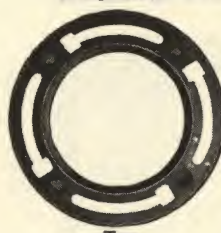


Floor flange for iron pipe, with bolts, washers and asbestos graphite gasket.

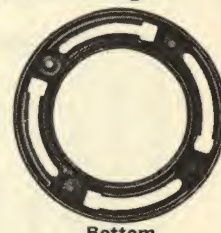
Price.....each .....

## Midland Brass Closet Floor Flanges

### No. 12082



Top



Bottom

Ridge underneath bolt slots prevents bolts from turning while being tightened.

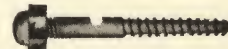
Note large opening for bolt heads, through which bolts can be inserted after flange is in place.

No. ....	1	2	3
Weight.....	ounces	19	14
Price.....	each	.....	.....

## Brass Closet Screws and Washers



No. J204 Screw, Nut and Round Washer  
No. J206 Screw, Nut and Oval Washer



No. J208 Screw, Nut and Round Washer  
No. J210 Screw, Nut and Oval Washer



No. J112 Bolt, Nut and Round Washer  
No. J114 Bolt, Nut and Oval Washer



No. 2410 Round Washer



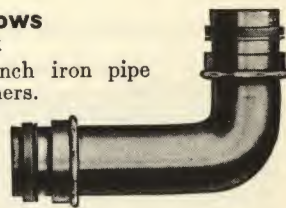
No. 2414 Oval Washer

Chromium-plated finish. Also nickel-plated.  
Prices upon application.

## Slip Joint Elbows For Low Tank

Chromium-plated, with 2-inch iron pipe size cast nuts and rubber washers.

No.	Size Inches	No.	Size Inches
871	3 1/2 x 5	875	5 x 8
880	4 x 6	876	6 x 8
1677	5 x 7	4152	8 x 12



## For High Tank

Chromium-plated, with nuts and washers.

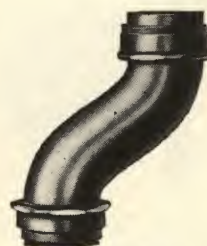


No.	Spud In.	Inlet In.	Length In.
347	1 1/4	1 1/4	6
351	1 1/4	1 1/4	8
348	1 1/4	1 1/2	6
350	1 1/2	1 1/2	6

## Closet Flush Connections

Chromium-plated, two 2-inch iron pipe thread nuts and rubber washers.

## Offset Connections



No.	Each	Offset In.	Lgth. In.
3153	.....	1	6
885	.....	1 1/2	6
886	.....	2	6
887	.....	2 1/2	6
888	.....	3	6
889	.....	3 1/2	6
890	.....	4	6



## Straight Connections

1497	.....	6
------	-------	---

No. 1497, Straight





**Porcelain Enameled Wash Tray Covers**



These covers placed on a laundry tray converts it into a white sanitary table.

Enameled Wash Tray Covers can be easily installed. They are durable and will outlast an ordinary table. A damp cloth will keep them as clean as a china dish.

These covers are made with rounded corners, turned underneath flange and are finished all white.

No.	Size Inches	Price per Set of 2	No.	Size Inches	Price per Set of 2
51	20 x 21	\$6.00	54	22½ x 22½	\$6.00
52	20½ x 22½	6.00	55	22½ x 24	6.00
53	20½ x 24	6.00	56	24 x 24	6.90

Prices include necessary fittings, rubber bumpers, hinges and screws. Style No. 1 hinges furnished unless otherwise specified. Brass nickel-plated hinges, Nos. 1 or 2 furnished at 50 cents per set extra.

**Tepco Enameled Steel Drainboards  
For Sink and Laundry Tray Combinations**

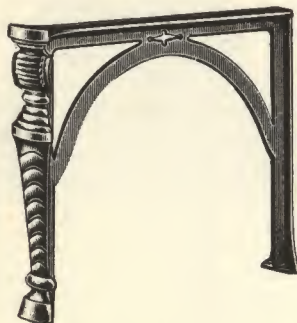


With 2-inch lip, 2-inch support.

When ordering, specify name of fixture manufacturer.

No.	N-74	N-75
Size.....inches	18½ x 17¼	22½ x 19
Approx. Shipping Weight.....pounds	8	11

**No. 184 Cast Iron Laundry Tray Legs**



Painted Iron.....each	.....
Galvanized Iron.....each	.....



**No. 52 Cast Brass Wash  
Tray Plugs**

**For Lead Pipe**

Brass plug with locknut, tailpiece, coupling nut, and brass or rubber stopper.

Size Coupling.....in.	1¼	1½	2
Flange.....in.	2⅞, 3, 3½, 3¾	2⅞, 3, 3½, 3¾	3, 3½, 3¾, 4
No. 52, Finished Brass.....each	.....	.....	.....
No. 52, N.P.....each	.....	.....	.....
No. 52, C.P.....each	.....	.....	.....
Diameter Body.....in.	1⅞	1¾	2⅜
Lgth. Thrded. Shank Under Flge. .....in.	2⅝	2¾	3



**No. 1178 Brass Wash Tray Plugs**

Wrought brass plug and stopper.

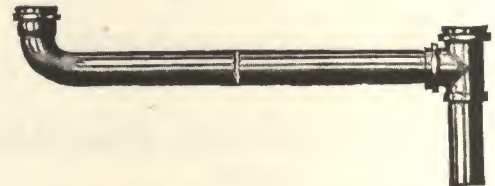
Bolts, 2¼ inches long.

Diameter of stopper, 1⅜ inches.

Diameter of flange, 3⅞ inches.

No. 1178.....each	.....
-------------------	-------

**No. J450 Continuous Laundry Tray  
Drains**



1½-inch O.D., No. 20 gauge brass tubing, with two inlets to slip 1¼ or 1½-inch tail pieces.

Inlet Center to Center.....inches	19	30
No. J450, Chromium-Plated.....each	.....	.....

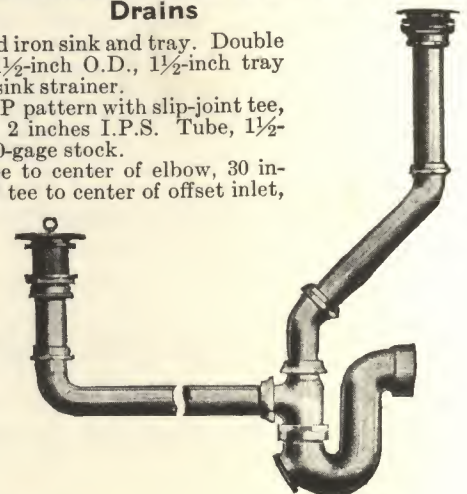
If wanted with trap, specify style.

**No. 458 Combination Sink and Wash Tray  
Drains**

For enameled iron sink and tray. Double off-set; size, 1½-inch O.D., 1½-inch tray plug, 1½-inch sink strainer.

Trap, 2-inch P pattern with slip-joint tee, outlet tapped, 2 inches I.P.S. Tube, 1½-inch O.D. of 20-gage stock.

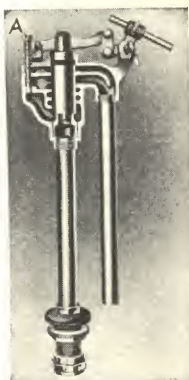
Center of tee to center of elbow, 30 inches; center of tee to center of offset inlet, 7⅞ inches.



No. 458, Nickel-Plated.....each	.....
No. 458, Chromium-Plated.....each	.....



## Rotary Ball Cocks or Float Valves



**Bottom Supply**

Gives maximum volume of water without noise on any pressure. Bypass regulator "A" assures quick refill of tank. Aspirating chamber prevents water from spurting around in the tank. Made of cast bronze. Hush and refill tubes of seamless drawn copper.

Extra long shanks furnished for replacement work. Compound leverage with the silent operation recommends it for use on all important installations.

Each.....

## Nibco Ball Cocks or Float Valves

**Ace**



**Duce**



A popular, patented valve.		Heavy pattern, cast, by-pass type.	
No. 00.....each	.....	No. 02.....each	.....
No. 00R, with Repair Shank.....each	.....	No. 03, China Seat.....each	.....
No. 01, Back Supply.....each	.....	No. 04, Chromium Seat.....each	.....
Individually boxed.			

Prices include rod and refill. Also supplied with repair shank (mark R), with Douglas type shank (mark D), or with offset shank, at additional cost.

## S Line Ball Cocks or Float Valves



**For High Tank**

Bottom supply ball cock.

Lock nuts chromium plated.

**For High Tank**

Each.....

**For Low Tank**

Each.....



**Low Tank**

## Hartford Pattern Ball Cocks or Float Valves



Hartford pattern ball cock with  $\frac{3}{8}$ -inch union elbow tail piece for top or bottom supply.

Each..... \$2.00

## No. 6707 Compression Ball Cocks or Float Valves



Size Inches	Rough Each	Size Inches	Rough Each
$\frac{3}{8}$	\$1.40	$1\frac{1}{4}$	\$6.00
$\frac{1}{2}$	1.50	$1\frac{1}{2}$	8.00
$\frac{3}{4}$	2.25	2	14.00
1	3.75		

Prices are for ball cock only, without ball.

## No. P-16 U. S. Royal Hard Rubber Float

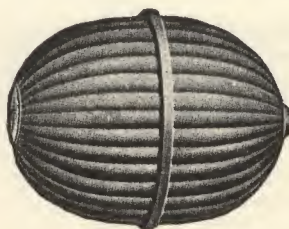


A new and improved tank float. Equipped with metal spud that will hold rod without stripping the threads.

Back of spud is reinforced. It frequently happens that the side of the float rubs against the inside wall of the tank, due to position of ball cock or narrowness of the tank. The ridge on the side of the float reinforces

the seam or joint of the two halves, and also acts as a buffer if the float rubs against the inside of the tank wall. This ridge reduces friction as well as loss of lifting power. Size, 4x6 inches.

## Solderless Corrugated Copper Floats



**No. 266, Oval**



**No. 270, Round**

Spud tapped  $\frac{1}{4}$  inch, 20 threads. Made of 8-ounce copper.

No. 266, Oval, 4x5 Inches.....each  
No. 270, Round, 5 Inches in Diameter.....each

## Naugatuck Seamless Copper Ball Floats

**For Open Tanks**

Not for use under pressure.



Diameter Inches	Per Dozen	Diameter Inches	Per Dozen
2	\$5.00	10	\$94.00
3	6.00	12	120.00
4	10.00	14	*
5	11.00	15	*
6	12.00	16	*
7	34.00	18	*
8	54.00	20	*
9	74.00	..	...

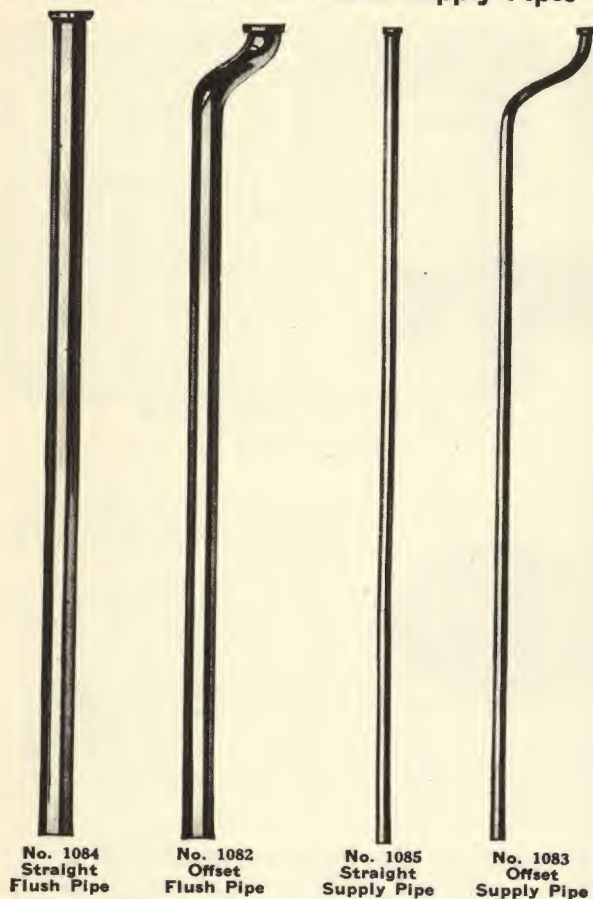
\*Prices upon application.

Nickel-plated floats, 10 per cent additional.

State size threaded connection desired.



## Water Closet Flush and Supply Pipes



In ordering flush and supply pipes send coupling nut from both flush and supply tank spuds, and state distance—when offset pipes are wanted—from center of flush and also supply spuds to back of tank.

## Flush Pipes

Gauge	No.	20	20	20
Size	inches	1 1/4	1 3/8	1 1/2
Straight, Nickel-Plated	each			
Straight, Chromium-Plated	each			
Offset, Nickel-Plated	each			
Offset, Chromium-Plated	each			

## Supply Pipes—7 Feet Long

Gauge	No.	14	I.P.	I.P.
Size	inches	2 1/2	3/8	1/2
Straight, Nickel-Plated	each			
Straight, Chromium-Plated	each			
Offset, Nickel-Plated	each			
Offset, Chromium-Plated	each			

For pipes with a larger offset than 3 1/2 inches an extra charge will be made.

## Supply Pipes for Low Tank

## Plain

Gauge	No.	14	I.P.
Size	inches	2 1/2	3/8
Nickel-Plated	each		
Chromium-Plated	each		

## With Stop

Gauge	No.	14	I.P.
Size	inches	2 1/2	3/8
Nickel-Plated	each		
Chromium-Plated	each		

No. 1088  
PlainNo. 1090  
with StopB  
R  
I  
D  
G  
E  
  
P  
L  
U  
M  
B  
E  
R  
S  
  
S  
U  
P  
P  
L  
Y  
  
C  
O

No. P-6470-F

**Melbo Enameled Cast Iron Urinal** with back and roll rim. Supported on concealed wall hangers.

Fittings, perforated wash-down pipe, clamps, 1/2-inch loose key stop, and beehive strainer.

Trap, 1 1/2-inch Bag pattern with metal wall flange.

Length.....feet 2 3 4 5 6

Approximate Ship. Wt....pounds 78 123 187 228 250

Available without trap and with drain coupling for lead pipe if desired.

Regularly furnished enameled inside and painted outside.

Furnished in regular or acid-resisting white enamel.

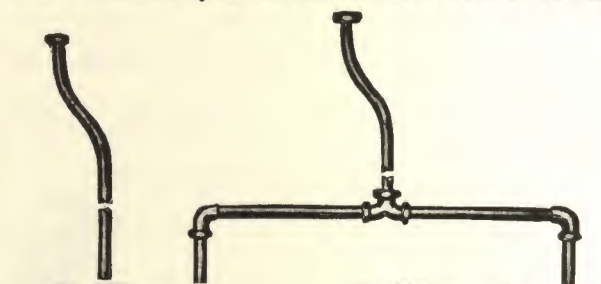
## No. B-8230 Bedfordshire Urinals

Vitreous china Bedfordshire flat back urinal with lip, 3/4-inch top inlet spud and 1 1/2-inch bottom outlet spud.

Back to front.....inches	12 1/2
Width.....inches	13 1/2
Height.....inches	18
Shipping Weight...pounds	45



## Brass Flush Pipes for Automatic Urinal Tanks



No. 5530 For Single Urinal	No. 5533 For Two Urinals	N.P. Each	C.P. Each
For Single Urinal.....			
For Two Urinals.....			
For Three Urinals.....			
For Four Urinals.....			

## Urinal Stall Strainers

Nickel-plated brass with 4 3/8-inch flange and removable face.



For Lead Pipe

No.	Nickel Plated Each	Chromilite Each	Size Inches
5750			2 Lead Pipe
5750A			3 Lead Pipe
5756			2 Female I.P.



# No. 6822 Regular Float Rods

Length.....	inches	6	7	8	9	10
Price.....	per dozen					
With one end threaded regular and float ball end with running thread for adjustment.						
Length.....	inches	6	8	10	12	
Price.....	per dozen					

# No. 2374 Annealed Brass Refill Tubes

Annealed brass tubing, 1/4-inch o.d. Threaded one end.

Size.....	inches	10	16
No. 2374.....	each		

# No. 40 Curtin Victory Flush Valves

Has a full, unrestricted water-way, and starts the siphon action immediately. It will operate the largest closet with a minimum amount of water.

Empties the tank and it fills with clean water. Automatically refills any closet. No refill tube from ball cock is required.

Encased leather seat washer does away with leaks and replacing of rubber balls.

All metal parts machined from cast bronze.

Cylinder and overflow tube of electrolytic seamless drawn copper.

Prices upon application.

# S Line Flush Valves for Low Tanks

Furnished complete with upper and lower wires, cone washer for vitreous tanks and flat washer for wood and enameled tanks, double guide for lift wire, and 11-inch overflow.

Reamed to take 2-inch O.D. connection.

Each.....

# No. 77 Yankee Flush Valves

This syphon valve is reliable and quick in action. The seat and guide is integral and is fitted with encased leather washer. The heavy solid brass plunger weight assures a perfect seat, and is not affected by the action of any water. Made for high tanks only.

No. 77, with 1 1/4-inch Coupling	each	\$4.00
No. 77, with 1 1/2-inch Coupling	each	4.50

# No. 68 High Tank Flush Valves

Cone syphon flush valve with leather seat for high tank.

Size Coupling.....	inches	1 1/4	1 1/2
No. 68, Nickel-Plated Nut Less Tail Piece.....	each	\$2.10	\$2.40
No. 68, Nickel-Plated Nut and Tail Piece.....	each	2.35	2.60
Diameter Thread.....	inches	1 5/8	1 3/4

# Cones for Cone Siphon Valves

For high tank.  
Length of cone 7 1/2 inches.

No. C-78, Straight.....	each	.....
No. C-79, Tapered.....	each	.....

# Overflow Tubes for Flush Valves

No.....	2368	2370	2372
Unfinished Brass.....	each		
Outside Diameter.....	inches	1	1 1/8
Brown and Sharpe Gauge.....		20	20

# No. 971 Adjustable Guide Holders Unfinished Brass

Will slip on a 1, 1 1/8 or 1 1/4-inch overflow tube for a standard Douglas pattern low tank valve.

Packed 25 in a box.

Size.....	in.	1	1 1/8	1 1/4
No. 971.....	ea.	...	...	...

# No. 72 Wires for Tank Balls

Top Wire

Per Dozen.....

Bottom Wire

Per Dozen.....

# S Line Double Acting Tank Levers

Chromium plated all metal handle and flange.

Hanger has a stop so designed that the lift is positively equal with the handle swung to either side.

Each.....

# Round Conductor Strainers

Size In.	PRICE, PER DOZEN Galv.	Copper	Size In.	PRICE, PER DOZEN Galv.	Copper
2	\$ .75	\$1.80	5	\$2.55	\$7.20
3	1.05	2.90	6	3.00	8.25
4	1.85	4.20		....	....





### Lavatory Patent Overflow Plugs



No. 1142-5  
2-Piece  
Tail Piece

A. P. O. plug with 1-inch rubber stopper, duplex or bead chain and mack washer.

Polished and nicked, plug top only polished chromium or all-polished chromium.

Nos. 1138 and 1140 have wrought plugs; No. 1142 has cast plug.

Tail pieces, 1½-inch outside diameter. Plugs threaded 1¼ inches o.d. by 14 threads.

Duplex chain furnished unless bead chain specified. Be sure to specify gage, finish and style of chain.

Wrapped in tissue, 12 in a box; 12 boxes in a carton.



No. 1138-5  
1-Piece  
Tail Piece

\*The number after dash is length in inches of tail piece under tail piece flange.

†Furnished in 22 or 17 gage.

*No.	B. & S. Gage	Style Tail Piece	Lgth. Plug Under Flg. Inches	*No.	B. & S. Gage	Style Tail Piece	Lgth. Plug Under Flg. Inches
1138-5	22	1-Piece	2¾	1140-5	22	1-Piece	3¾
1138-5	17	2-Piece	2¾	1142-5	†	1-Piece	2½
1138-6	†	2-Piece	2¾	1142-6	†	2-Piece	2½
1138-8	†	2-Piece	2¾	1142-8	†	2-Piece	2½
1138-10	†	2-Piece	2¾	1142-10	†	2-Piece	2½
1138-12	†	2-Piece	2¾	1142-12	†	2-Piece	2½

### Bent Tube Adjustable Brass Traps

With Cleanout



No. 12049  
S Trap



No. 12048 P Trap

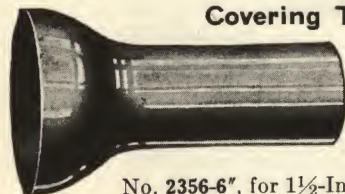
Chromium-Plated.

Size.....inches 1¼ 1½  
Price, No. 12049, S Trap.....each .....  
Price, No. 12048, P Trap.....each .....  
Add for P.O. plug, .. cents.

### New York Regulation Traps



No. ....	2112	2117	2126
N.P. ea. ....	.....	.....	.....
C.P. ea. ....	.....	.....	.....
Size In-let.in. ....	1¼	1¼ or 1½	1¼ or 1½
Size Out-let.in. ....	1¼	1½	2



To cover connection between New York Regulation Trap and Wall.  
N.P. C.P.  
No. 2356-6", for 1½-In. Trap.....each .....  
No. 2358-6", for 2-In. Trap.....each .....

### No. 6700 Shampoo Couplings



Expansion shampoo coupling with rubber washer for bath spout.

No. 6700, N.P.....each .....  
No. 6700, C.P.....each .....

### COVERING TUBING

POLISHED NICKEL PLATED AND CHROME



Fig. 190

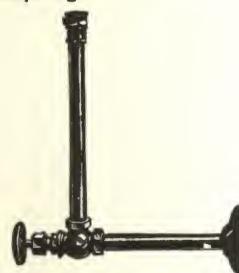
FOR COVERING BLACK OR GALV. IRON PIPE  
Sizes: 1¾", 2", 2½" Diameter Two Foot Lengths

### Lavatory Supply Pipes to Wall

With Couplings



No. 1096, Plain



No. 1098, with Stop

	N.P.	C.P.
No. 1096, Plain, 38-Inch.....each .....	.....	.....
No. 1098, with Stop, ¾-Inch.....each .....	.....	.....

### Ground Joint Couplings

No. 6503 Male I.P.



Rough N. P. ....each .....	.....
Finished N. P. ....each .....	.....
Chromium-Plated.....each .....	.....
No. 6504 Female I.P.	
Size.....inches ¾ 1½	
Rough N. P. ....each .....	.....
Finished N. P. ....each .....	.....
Chromium-Plated.....each .....	.....



No. 6504  
Female

### Reducing Couplings

For Lavatory Supplies



No. 598

No. ....	Reg.	Heavy	Reg.
.....	597	598	599
Nickel-Plated.....each .....	.....	.....	.....
Chromium-Plated.....each .....	.....	.....	.....
Iron Pipe Thread Size.in. ¾x1¼ ¾x1¼ 1½x1¼			

### Bath Faucet Couplings

No. 5051 Elbow Couplings



No. 5051, I.P. Male

Rough N. P. ea. ...	.....
Fin. N. P. ... ea. ...	.....
No. 5059 Ball Offset Couplings	
Fin. N. P. ... ea. ...	.....
C. P. ... ea. ...	.....



No. 5059, Female



## DOUBLE OFFSET CONNECTIONS

These offsets are used with New York Regulation and other non-adjustable traps or to make up for discrepancies in "roughing-in."  
When the relative distance is determined between the inlet of the offset and the inlet of the trap, the offset is cut off and the end detached is reversed making a slip-joint connection with the remaining piece of offset and with the trap.

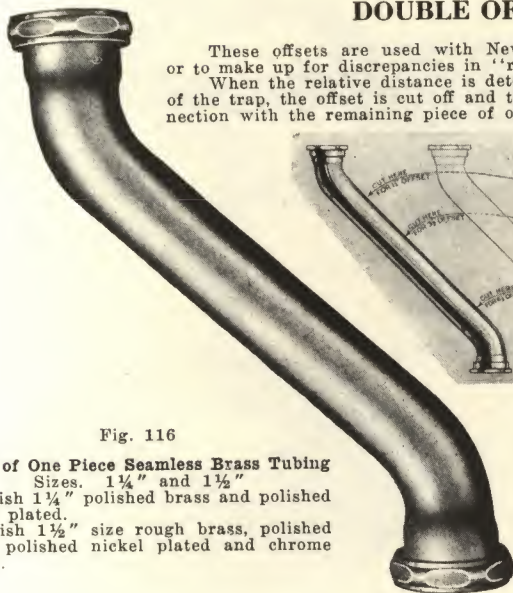


Fig. 116

Made of One Piece Seamless Brass Tubing  
Sizes: 1 1/4" and 1 1/2"  
Finish 1 1/4" polished brass and polished nickel plated.  
Finish 1 1/2" size rough brass, polished brass polished nickel plated and chrome plated.

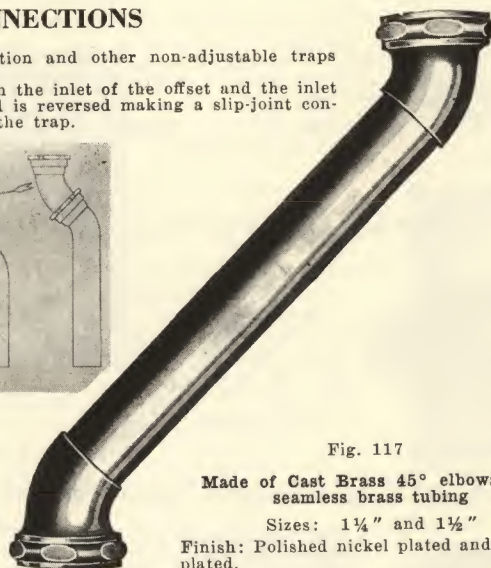
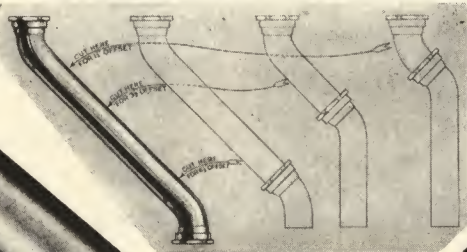


Fig. 117

Made of Cast Brass 45° elbows and seamless brass tubing  
Sizes: 1 1/4" and 1 1/2"  
Finish: Polished nickel plated and chrome plated.



## SLIP JOINT NUTS



Fig. 119

1/2 in. I.P.S.	To slip 1/8 in. O.D. Tubing
3/4 in. I.P.S.	To slip 1 1/4 in. O.D. Tubing
1 in. I.P.S.	To slip 1 3/8 in. O.D. Tubing
1 1/4 in. I.P.S.	To slip 1 7/8 in. O.D. Tubing
1 1/2 in. I.P.S.	To slip 1 7/8 in. O.D. Tubing
1 3/4 in. I.P.S.	To slip 1 7/8 in. O.D. Tubing
2 in. I.P.S.	To slip 2 in. O.D. Tubing

## SHOES FOR C.W. & O.



Fig. 273

## ANTI SPLASH STRAINER AND RING FOR COMBINATION BIBBS



Fig. 274

## CAST BRASS ELBOWS

WITH CLEANOUT FOR CONTINUOUS WASTE



Fig. 120

## HUSH TUBE



Fig. 299

For Hartford T/S Ball Cocks  
Threaded 3/8" I.P.S.

## EXTENSION TUBES



Fig. 122

Sizes: 1 1/4"-1 1/2"-2"  
Length 8"-8"-10"-12"

## OUTLET TUBES



Fig. 121

NICKEL PLATED TUBING THREADED BOTH ENDS  
Sizes: 1 1/4"-1 1/2"-1 3/4" O. D.  
8" and 12" Long

## IRON LEVER FOR HIGH TANK

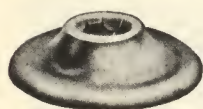


Fig. 316





### Sure-Grip Wrought Brass Flanges



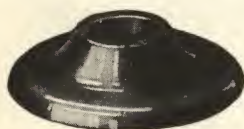
Made of 24 B. & S. gage brass.  
Diameter at base,  $2\frac{1}{2}$  inches.  
Height,  $\frac{1}{16}$  inch.  
I.P.S. Piercing.....inches  $\frac{3}{8}$   $\frac{1}{2}$   
O.D. Piercing.....inches \*  $\frac{1}{2}$   
No. 216, N.P.....each .....  
No. 216, C.P.....each .....  
\*This size not made.

### No. 220 Sure-Grip Wrought Brass Flanges



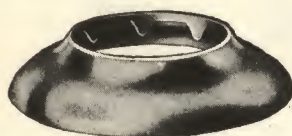
Made of 24 B. & S. gage brass.  
Diameter at base, 3 inches.  
Height,  $\frac{1}{16}$  inch.  
I.P.S. Piercing.in.  $\frac{3}{4}$  \* \* \*  
O.D. Piercing.in. \*  $1\frac{3}{8}$   $1\frac{1}{4}$   $1\frac{1}{2}$   
No. 220, N.P..ea. ....  
No. 220, C.P..ea. ....  
\*These sizes not made.

### No. 222 Sure Grip Wrought Brass Flanges



Made of 22 B. & S. gage brass;  
diameter at base, 3 inches.  
Height,  $\frac{1}{16}$  inch.  
I.P.S.....inches  $\frac{3}{4}$  1  
No. 222, N.P...each .....  
No. 222, C.P...each .....  
\*These sizes not made.

### No. 224 Sure-Grip Wrought Brass Flanges



Made of 24 B. & S. gage  
brass.  
Diameter at base,  $3\frac{1}{2}$   
inches.  
Height,  $\frac{3}{4}$  inch.  
I.P.S.....in.  $1\frac{1}{4}$   $1\frac{1}{2}$   
No. 224, N.P..ea. ....  
No. 224, C.P..ea. ....

### No. 230 Wrought Brass Closet Spud Flanges



Plain Piercing  
Diameter at base,  $3\frac{1}{2}$  inches;  
height,  $\frac{3}{4}$  inch.  
\*This size not made.

I.P.S. Piercing.....inches  $1\frac{1}{2}$  2 \*  
O.D. Piercing.....inches \* 2  $2\frac{1}{2}$   
No. 230, Nickel-Plated.....each .....  
No. 230, Chromium-Plated.....each .....



No. 1130—Canopy Bell Escutcheon  
 $3/8$ " Hole x 3" Base,  $1\frac{1}{2}$ " High



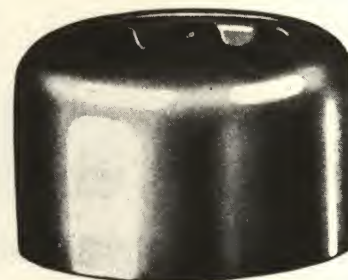
No. 1133—Bell Sliding Escutcheon  
 $5/8$ " Hole x 3" Base,  $1\frac{1}{2}$ " High



No. 1132—Flat Sliding Escutcheon  
 $1\frac{1}{4}$ " Hole x  $3\frac{3}{8}$ " Base



Bell Escutcheon  
No. 1140— $3/4$ " Hole x 3" Base, 2" High  
No. 1141— $3/4$ " Hole x 3" Base,  $2\frac{1}{2}$ " High  
No. 1142— $3/4$ " Hole x 3" Base, 3" High



No. 1135—Box Escutcheon  
2" O. D. Tubing

BRIDGE PLUMBERS SUPPLY CO.



**China Cross Handles**

**SOLID HANDLES**



**P504**

2 3/4 Inch Size  
MARKED

Hot Cold Waste Shower  
Also Plain



**P505**

3 1/4 Inch Size  
MARKED

Hot Cold Waste Shower  
Also Plain

**B TYPE HANDLE**



**P506**

With hole through center  
Diameter at Bottom, 1 1/8 inch  
Diameter at Top, 3/8 inch  
3 1/4 Inch Size

**FLANGES & ESCUTCHEONS**



**P703**

Diameter at Top Opening, 1 1/8 inch  
Diameter at Base, 2 1/2 inches  
Height, 1 1/2 inches



**P704**

Diameter of Top Opening, 1 1/8 inches  
Diameter at Base, 3 3/8 inches,  
Height, 2 inches



**P705**

Diameter at Top Opening, 2 1/8 inch  
Diameter at Base, 2 7/8 inches  
Height, 2 inches

**SLEEVE TYPE HANDLES**

**P101**

7/8 Inch Size—Plain  
Open or Closed Style

**P102**

1 Inch Size—Plain  
Open or Closed Style

**P103**

1 1/4 Inch Size  
Open or Closed

Style

MARKED

Hot Cold

Vertical Print

Also Plain



**P104**

1 1/2 Inch Size  
Open Style  
MARKED

Hot Cold

Vertical Print

Also Plain



**P105**

1 1/2 Inch Size  
Closed Style

MARKED

Hot Cold

Vertical Print

Also Plain



**P106**

1 3/4 Inch Size  
Open Style  
MARKED

Hot Cold

H C

Vertical Print

Also Plain



**P107**

1 3/4 Inch Size  
Closed Style  
MARKED

Hot

Cold

Vertical Print

Also Plain

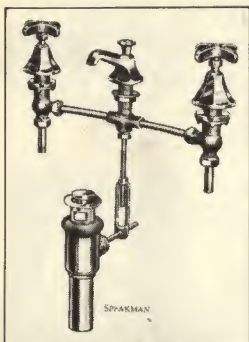




**BRIDGE**

**PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK**

**Speakman Compression Combination Lavatory Supply and Drain Fittings**



No. 8100

**Diamond Trim**

All-metal combination lavatory supply and drain fitting with compression valves, renewable seats, cross handles, high spout, and pop-up drain with knob and 1 1/4-inch O.D. tubing tailpiece.

Exposed metal chromium plated.

No. 8100, with Short Spout.....each ....  
No. 8105, with Long Spout.....each ....

**No. B-787 Combination Lavatory Supply and Shampoo Fittings**

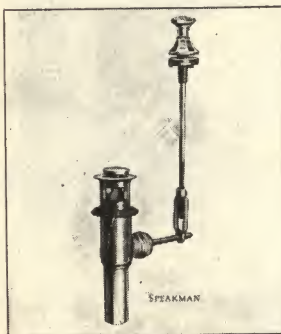


All-metal combination lavatory supply and shampoo fitting with quick compression faucets with lever handles, compression shampoo valves with cross handles, hose and spray.

Exposed metal Chromard finish.

No. B-787. each ....

**No. 8120 Speakman Pop-Up Lavatory Drains**



**Diamond Trim**

All-metal pop-up lavatory drain with knob through the slab and with 1 1/4-inch O.D. tubing tailpiece.

For enameled or vitreous lavatories.

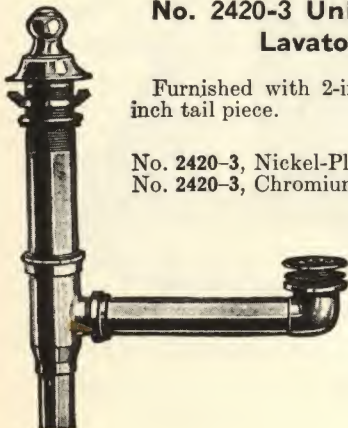
Exposed metal chromium plated.

No. 8120.....each ....

**No. 2420-3 Universal Bi-Transit Lavatory Drains**

Furnished with 2-inch outlet plug and 1 1/4-inch tail piece.

No. 2420-3, Nickel-Plated.....each ....  
No. 2420-3, Chromium-Plated.....each ....



BRIDGE PLUMBERS SUPPLY CO.



**No. 6786 Compression Lavatory Faucets**  
**Diamond 4-Arm Handles**

With raised body and spout, metal 4-arm handle, stuffing box, and shank with locknut, coupling nut and 1/4-inch outside I.P.S. tailpiece.

No. 6786, N.P.....each ....  
No. 6786, C.P.....each ....



**No. 6788 Compression Lavatory Faucets**  
**Wildel 4-Arm Handles**

With raised spout, metal 4-arm handle, and shank with locknut, coupling nut, and 1/4-inch outside I.P.S. tailpiece.

No. 6788, N.P.....each ....  
No. 6788, C.P.....each ....

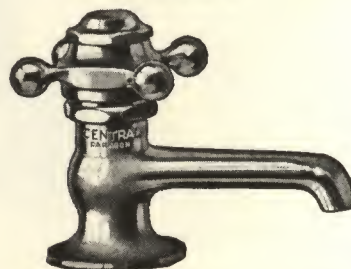


**No. 6795 Self-Closing Lavatory Faucets**  
**Push Button—Metal Index**

With raised spout and shank with locknut, coupling nut, and 1/4-inch outside I.P.S. tailpiece.

No. 6795, N.P.....each ....  
No. 6795, C.P.....each ....

**No. 260 Paragon Self-Closing Lavatory Faucets**



Ball-bearing, self-closing lavatory faucet with raised spout, 4-ball metal handle with metal index, renewable seat.

No. 260, Chromium-Plated.....each ....

**Self-Closing Lavatory Faucets**



No. 3698, Boston Pattern



No. 3730, Doherty Pattern

	N.P.	C.P.
No. 3698, Boston Pattern.....each	.....	.....
No. 3730, Doherty Pattern.....each	.....	.....



### Brass Nuts and Screws



A partitioned metal box containing one gross assorted nuts and screws for every size bibb.

Brass Nuts and Screws.....per assortment \$3.00

### No. 7000 Compression Plain Faucets For Iron Pipe



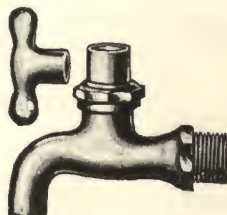
Size.....inches	3/8	1/2	3/4	1	1 1/4
Rough.....each	\$1.00	\$1.10	\$1.30	\$2.70	\$5.60
Rough N.P.....each	1.10	1.25	1.45	3.00	6.00
Finished.....each	1.20	1.40	1.60	3.30	6.40
Nickel-Plated.....each	1.30	1.50	1.80	3.60	6.80
Chromium-Plated.....each	1.55	1.80	2.15	4.35	8.15

### No. 7001 Compression Hose Faucets For Iron Pipe



Size.....inches	1/2	3/4	1	1 1/4
Rough.....each	\$1.30	\$1.50	\$3.15	\$6.25
Rough, N. P.....each	1.45	1.65	3.45	6.65
Finished.....each	1.60	1.80	3.75	7.05
Nickel-Plated.....each	1.70	2.00	4.05	7.45
Chromium-Plated.....each	2.05	2.40	4.85	8.95

### No. 7050 Loose Key Compression Faucets



Size Inches	PRICE, EACH			Add for Hose End Each	Add for Stuffing Box Each
	Rough	Finished	Nickel- plated		
3/8	\$1.30	\$1.50	\$1.60	.....	\$2.25
1/2	1.40	1.70	1.80	\$2.20	.25
3/4	1.70	2.00	2.20	.20	.30

### No. 7020 Compression Plain Faucets Solid Flange—With Hexagon



Size.....inches	1/2	3/4
Price, No. 7020, Female Flange, Finished.....each	\$1.90	\$2.30
Price, No. 7020, Female Flange, N.P.....each	1.90	2.30
Price, No. 7019, Male Flange, Finished.....each	2.05	2.50
Price, No. 7019, Male Flange, N.P.....each	2.05	2.50
Add for Hose End.....each	.20	.20
Add for Stuffing Box.....each	.25	.30

### No. 7021 Compression Hose Faucets Solid Female Flange—For Iron Pipe



Size Inches	PRICE, EACH				
	Finished	Nickel-Plated	Stuffing Box	ADD FOR Four-Ball-China Indexed Handle	Full China Cross Handle
1/2	\$2.10	\$2.10	\$.25	\$.50	\$.65
3/4	2.50	2.50	.35	.60	.75

### No. 3312 Boston Self-Closing Faucets For Iron Pipe



Size.....inches	1/2	3/4
No. 3312, Finished.....each	\$2.70	\$3.00
No. 3312, Nickel-Plated.....each	2.80	3.20
No. 3312, Chromium-Plated.....each	3.50	4.00

### No. 3320 Boston Self-closing Faucets Flanged Female—For Iron Pipe



Size.....inches	1/2	3/4
Price, No. 3320, Finished.....each	\$3.05	\$3.70
" " 3320, Nickel-plated....."	3.55	4.20
Add for Male Flange....."	.15	.15





### Compression Faucets

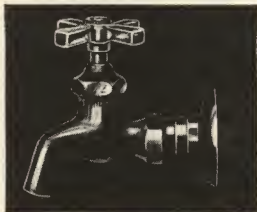
Compression faucet with metal cross handle and solid flange.

	N.P.		Chromard	
Size I.P.T.in.	1/2	3/4	1/2	3/4

\*No. B-1148 .....ea. ....

†No. B-1149 .....ea. ....

\*Plain end. †Hose end.



### Compression Plain Faucets

Compression faucet with metal cross handle and adjustable flange.

	N.P.		Chromard	
Size.....in.	1/2	3/4	1/2	3/4

\*No. B-1158..ea. ....

†No. B-1159..ea. ....

\*Plain end. †Hose end.

### Doherty Self-closing Faucets

For Iron Pipe  
No. 3352



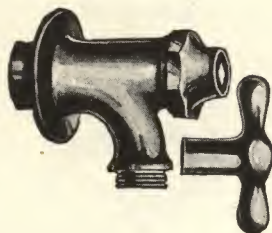
Size.....inches	1/2	3/4
Price, Finished.....each	\$3.35	\$3.65
" Nickel-plated.....each	3.45	3.85

### No. 3360 Doherty Self-closing Faucets Solid Female Flange—For Iron Pipe



Size.....inches	1/2	3/4
Price, No. 3360, Finished.....each	\$3.45	\$4.10
" " 3360, Nickel-plated....."	3.95	4.60
Add for Male Flange....."	.15	.15

### No. 2516 Angle Pattern Lawn Faucets



Size.....inches	1/2-3/4
Price, Rough Nickel-plated.....each	\$2.80
" Finished.....each	2.80
" Nickel-plated.....each	3.15



### No. B-1671 Compression Lawn Faucets

Compression lawn faucet, angle pattern, with lock shield cap, detachable wheel handle, solid flange I.P. thread inlet, and hose thread outlet.

Size, I.P. Thread.....	1/2	3/4
------------------------	-----	-----

No. B-1671, Rough N.P. ....ea. ....

### Sediment Faucets

Rough nickel-plated boiler sediment faucet with hose spout, male thread.



Size.....inches	1/2	3/4
No. 153G.....each		
No. 153H, Female.....each		

### Handy Lavatory Connections

For slip joint end to fit coupling nut on shank of lavatory faucet. Threaded end for 3/8-inch iron pipe supply.



Size.....inches	5	10
No. 146, Angle.....per pair		
No. 146 No. 150, Straight.....per pair		

No. 150

### No. 6546-K Speakman Loose Key Compression Stops



#### Angle Pattern

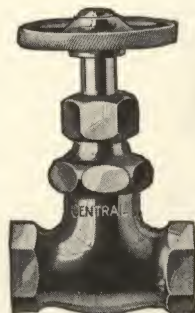
For iron pipe. Furnished with stuffing box.

Size, 3/8 inch.

No. 6546-K, N.P.each ....

No. 6546-K, Chromium-Plated.....each

### Wheel Handle Compression Lavatory Stops



No. 352 Straight

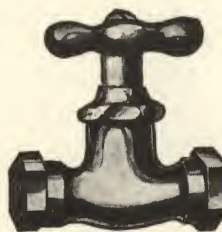
With stuffing box. Wheel handle is of brass.

I. P.  
Size..in. 3/8 1/2  
C. P....ea. ....

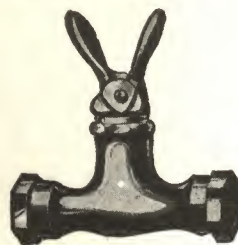


No. 356 Angle

### Self-Closing Stops for Iron Pipe



No. 3488 Boston



No. 3492 Doherty

Size.....inches	3/8	1/2	5/8	3/4
Price, Boston, Finished.....each	\$2.45	\$2.55	\$3.10	\$3.95
" " Nickel-Plated....."	2.95	3.05	3.60	4.60
" Doherty, Finished...."	2.85	2.95	3.50	4.35
" " Nickel-Plated....."	3.35	3.45	4.00	5.00



## Speakman Concealed Connected Drains and Overflows



Rough brass concealed connected drain and overflow with bead chain and rubber stopper.

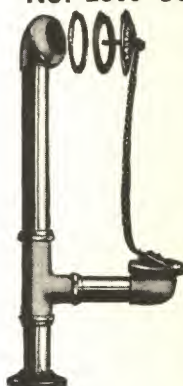
For built-in baths.

Drain connection, 1½-inch O.D. tube or 1½-inch outside I.P. thread.

Exposed metal chromium plated.

No. 7043.....each .....

## No. 2500 Connected Drain and Overflow



Brass adjustable connected drain and overflow, polished and nickel-plated with chain and stopper.

The ball shaped top elbow is constructed with special flange holding rubber gasket which makes it possible to adjust this drain to any pitch of tub.

This drain can be adjusted by means of its slip joint connections to fit all makes of tubs. Washers made special to insure water-tight connections.

Furnished chromium-plated or nickel-plated. Size 1⅜ inches.

No. 2500-1 with wrought strainers.

No. 2500-2 with cast strainers.

## Bath Traps

### Cast Brass—Unfinished



Has I.P.S. female inlet and outlet.

Flange is not furnished.

Packed 1 in a box.

No. ....	5926	5924	5925
Each.....	.....	.....	.....
Female I.P.S. Inlet.....in.	1½	1½	2
Female I.P.S. Outlet.....in.	1½	2	2

## Bath Supply Pipes

### No. 1060, Straight

C. P. straight seamless brass supply pipe threaded ½-inch I. P. both ends, with flange. Length, 20½ inches; ⅞-inch outside diameter tube.

No. 1060, 12 B. & S. Gage

Per pair.....

No. 1060, 14 B. & S. Gage

Per pair.....

### No. 1071, Annealed Offset

C. P. annealed double bend offset supply pipe with C. P. slip joint coupling nut for ½-inch I. P. Length, 21 inches; ⅞-inch outside diameter tubing.

No. 1071, 16 B. & S. Gage

Per pair.....

## No. 1076 Bath Supply Pipes

### Offset Pattern

Has 90 degree offset with coupling nut and lead cone assembled.

Inlet threaded, ⅜ inch I.P.S. Coupling nut tapped ¾ inch I.P.S.

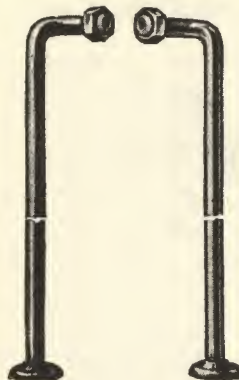
Metal floor escutcheons.

Gage, 14 B. & S.

Length, 21½ inches.

No. 1076, N.P.....each .....

No. 1076, C.P.....each .....



No. P-2525

**Enameled Cast Iron Recess Shower Receptor** with apron to tile in walls and floor, brass strainer, and drain connection for 2-inch iron pipe.

Nominal Size.....	inches	38x38
Width Overall.....	inches	39¾
Width Face to Face of Tile.....	inches	38
Front to Back Overall.....	inches	40
Front to Face of Tile.....	inches	39¼
Depth at Outlet.....	inches	4
Approximate Shipping Weight.....	pounds	260

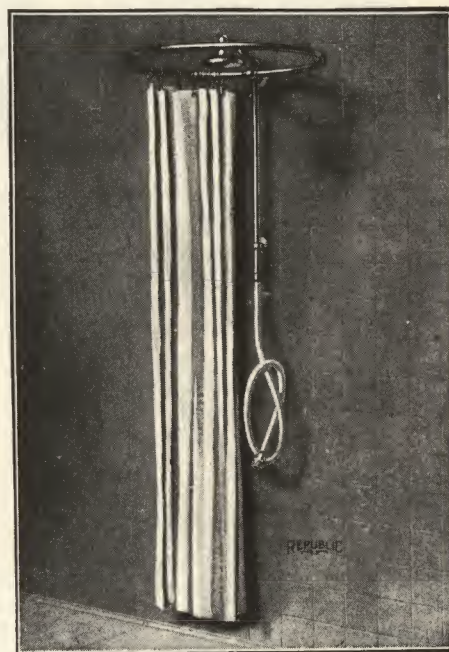


Fig. 1140

**Republic Portable Shower** with riser pipe, 24-inch curtain ring, offset shower arm, 4-inch cast brass shower head, duck curtain and hooks, rubber hose and connecting bulb.

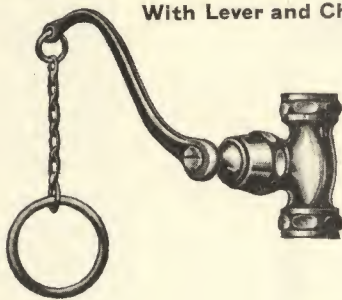
Chromium-plated.

Approximate Shipping Weight.....pounds 15



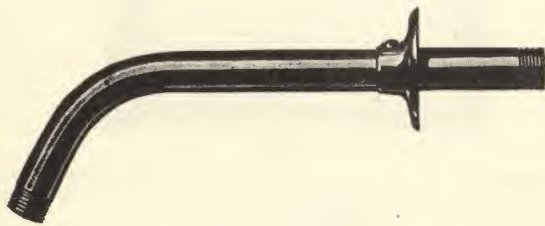


**No. 3490 Self-Closing Shower Stops**  
With Lever and Chain



Size	inches	1/2	3/4
No. 3490, Finished.....	each	....	....
No. 3490, Nickel-Plated.....	each	....	....
No. 3490, Chromium-Plated.....	each	....	....

**No. 3625 Shower Arms**



Bent shower arm, 1/2-inch iron pipe size, 10 3/4 inches long, with metal escutcheon.

No. 3625 Nickel-Plated.....	each	....
No. 3625 Chromium-Plated.....	each	....

**No. 3475 Adjustable Ball Joints**

Brass adjustable ball joint for use on shower head.

Size	inches	1/2	3/4
Price, Nickel Plated.....	each	....	....
Price, Chromium Plated.....	each	....	....



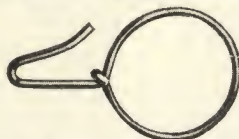
**Day's Roller Bearing Shower Curtain Hooks**

The rollers enable the curtains to glide along at the slightest touch.

For 1-inch bars, 1 1/4-inch hooks; 1 1/4-inch bars or 1 1/2-inch bars, use 1 3/4-inch hooks.

No. 146/30, Nickel-Plated.....	per doz.	....
No. 146/74, Chromium-Plated.....	per doz.	....

**No. 3615 Curtain Hooks**



Price, No. 3615 N.P. Clamp-On Curtain Hooks.....	each	....
Price, No. 3615 Chromium Plated.....	each	....

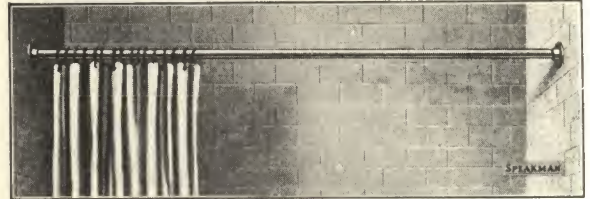


**No. 1446 Hold Back Curtain Hooks and Chains**

Polished and nicked heavy cast brass hold back curtain hook with duplex chain.

No. 1446, N.P.....	each	....
No. 1446, C.P.....	each	....

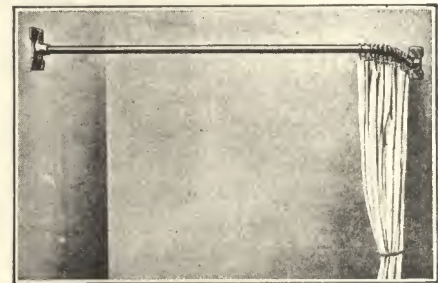
**Speakman Recess Curtain Rods**



Nickel-plated curtain rod with cast brass flanges, curtain hooks and white duck curtain.

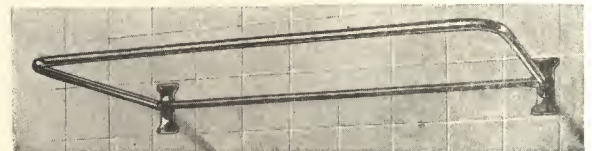
No.	N.P.		CHROME		Length Inches	For Tub Feet
	With Curtain	Less Curtain	With Curtain	Less Curtain		
3540	....	....	....	....	62	5
3545	....	....	....	....	68	5 1/2
3550	....	....	....	....	74	6

**Speakman Corner Curtain Rods**



No.	Size	WITH CURTAIN		LESS CURTAIN	
		3555	3560	3555	3560
Size.....	inches	28x57	28x63	28x57	28x63
Nickel-Plated.....	each	....	....	....	....
Chromium-Plated.....	each	....	....	....	....

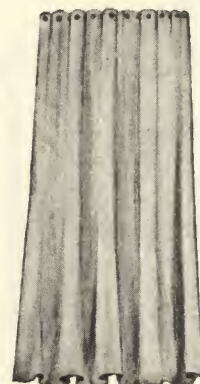
**No. 3580 Rectangular Curtain Rail**



Rectangular curtain rail, 28 inches wide and 42 inches long, with two extra heavy wall flanges, 3x6 inches.

Price, Nickel-Plated.....	each	....
Price, Chromium-Plated.....	each	....

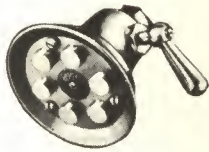
**No. 10900 White Duck Shower Curtains**



No.	Each	Fixture Size Ft.	CURTAIN, INCHES	
			Width	Length
1	....	2 1/2	36	72
2	....	3	42	72
3	....	3 1/2	48	..
4	....	4	54	..
<b>For Recess Baths</b>				
5	....	4 1/2	60	72
6	....	5	66	72
7	....	5 1/2	72	72
8	....	6	78	72
<b>For Corner Baths</b>				
9	....	4 1/2	84	72
10	....	5	90	72
11	....	5 1/2	96	72
12	....	6	102	72
13	....	42x27-inch	72	72
14	....	57x28-inch	99	72



## No. 3395 Speakman Self-Cleaning Shower Heads



This shower head can vary the force and fineness of its spray simply by a turn of a lever. The same lever makes it self cleaning. No half-sprays or off-side streams of water from a stopped-up spray head. No bother of cleaning. A turn of the lever and all accumulated sediment is flushed away.

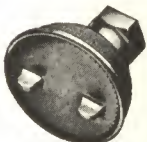
Finished in chromium plate; not affected by salt water, acids or cooking fumes. Will not dull or wear off.

Easily installed on any shower; can be furnished with any new installation. With 1/2-inch female inlet.

Can also be furnished with adjustable joint.

No. 3395, Unpolished Chromium.....each .....  
No. 3395, Chromium-Plated.....each .....

## Speakman Adjusta-Spray Showerheads



Cast brass shower head with adjustable spray. Chromium plated.  
Threaded 1/2-inch I.P. size.

No. 7046

Rigid.  
No. 7046.....each .....



No. 7047

With integral ball joint Chromium plated.

No. 7047.....each .....



No. 7048

With integral ball joint and lever handle volume control. Chromium plated.

No. 7048.....each .....

## Flush and Supply Pipe Holders

No. 1102, Supply

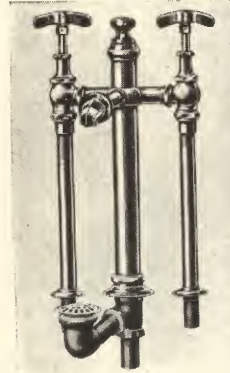
No. 1098, Flush



Size Inches	N.P. Each	C.P. Each	Size Inches	N.P. Each	C.P. Each
3/8 I.P.	.....	.....	1 1/4 O.D.	.....	.....
1/2 I.P.	.....	.....	1 3/8 O.D.	.....	.....
3/4 O.D.	.....	.....	1 1/2 O.D.	.....	.....

## No. 8038 Speakman Exposed Bath Supply and Drain Fittings

Diamond Trim



All-metal top nozzle bath supply and standing drain fitting with 1/2-inch compression valves and supply pipes to floor, cross handles, and metal knob on waste.

For use on double shell baths only.

Drain connection, 1 1/2-inch O.D. tube or 1 1/2-inch outside I.P. thread.

Exposed metal chromium plated.

No. 8038.....each .....

## No. B-615 Compression Double Bath Faucets



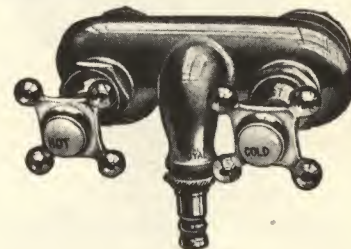
Compression double bath faucet with 4-arm metal handles and hose connection.

No. B-615, N.P.....each .....

No. B-615, Chromard

Finish.....each .....

## No. 5180 Compression Double Bath Faucets



Compression double bath faucet with 4-ball metal indexed handles, hose connection, and locknuts.

No. 5180, Nickel-Plated.....each .....

No. 5180, Chromium-Plated.....each .....

## Flush and Supply Pipe Straps



Without Bumper



With Bumper

For Tubing In.		Plain, No Bumper		Wt. Lbs.	With Bumper		Wt. Per 100 Pieces
		No.	N.P. Each		No.	N.P. Each	
3/8	I.P.S.	442	.....	1 1/2	.....	.....	.....
1/2	I.P.S.	3079	.....	1 1/2	.....	.....	.....
1 1/4	O.D.	444	.....	3	445	.....	4
1 3/8	O.D.	446	.....	3 1/2	447	.....	4 1/2
1 1/2	O.D.	448	.....	4	449	.....	5



**BRIDGE****PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK**

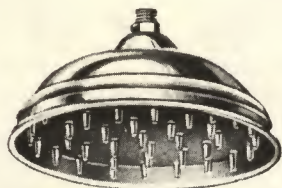
**No. 1151—"Octo-Chrome"  
Cast Brass Ball Joint Shower Head**

4 $\frac{3}{4}$ " O. D. Removable Face.  $\frac{1}{2}$ " I. P. Conn.



**No. 1156—"Octo-Chrome"  
Brass Ball Joint Rose Spray**

2 $\frac{3}{4}$ " O. D. Removable Face. Integral Flange.  $\frac{1}{2}$ " I. P. Conn.



**Heavy Wrought Tubular Shower Head**

No. 1165— $\frac{1}{2}$ " I. P. Female Conn. 6" O. D.  
No. 1166— $\frac{1}{2}$ " I. P. Female Conn. 7 $\frac{1}{2}$ " O. D.



**No. 1150—Cast Brass Ball Joint  
Shower Head**

4 $\frac{3}{4}$ " O. D. Removable Face.  $\frac{1}{2}$ " Bent Shower Arm and Escutcheon.  $\frac{1}{2}$ " I. P. Conn.

Bent Arm Not Included Unless Specified



**No. 1155—Brass Ball Joint  
Rose Spray**

2 $\frac{3}{4}$ " O. D. Removable Face. Integral Flange.  $\frac{1}{2}$ " I. P. Conn.



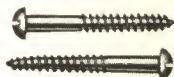
**Heavy Wrought Shower Head**

No. 1160— $\frac{1}{2}$ " I. P. Female Conn. 5" O. D.  
No. 1161— $\frac{1}{2}$ " I. P. Female Conn. 6" O. D.  
No. 1162— $\frac{1}{2}$ " I. P. Female Conn. 7 $\frac{1}{2}$ " O. D.

BRIDGE PLUMBERS SUPPLY CO.

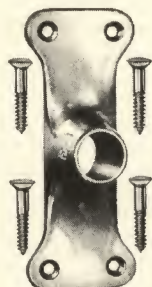


### Curtain Rod Flanges



**Curtain Rod Flange**  
Polished Chromium  
No. 1422-1 $\frac{1}{8}$ " O. D.  
No. 1422-1" O. D.

Number after dash indicates size rod flange will slip.  
Adjustable heavy cast brass flange with set and wood screws.  
Wrapped in tissue, 1 pair in a box, 150 boxes in a carton.



**Curtain Rod Flange**  
Polished Chromium  
No. 1424-1" O. D.

Number after dash indicates size rod flange will slip.  
Adjustable heavy cast brass flange with set and wood screws, used with corner curtain rod.  
Wrapped in tissue, 1 pair in a box, 25 boxes in a carton.



### Curtain Pins

No.	Style	Diameter of Wire	For Diameter Rod	Length
1440	Pointed	.093	$\frac{1}{2}$ to $\frac{3}{4}$ Inch	2 $\frac{1}{4}$ Inches
1441	Unpointed	.093	$\frac{1}{2}$ to $\frac{3}{4}$ Inch	2 $\frac{1}{4}$ Inches
1442	Pointed	.093	1 Inch	2 $\frac{3}{4}$ Inches
1443	Unpointed	.093	1 Inch	2 $\frac{3}{4}$ Inches
1444	Pointed	.119	1 Inch	2 $\frac{3}{4}$ Inches
1445	Unpointed	.119	1 Inch	2 $\frac{3}{4}$ Inches

Shipped in bulk.



### No. 1270—90° Offset Arm

$\frac{1}{2}$ " x 12" - 14" - 24" Lengths.  
Specify Length Required.

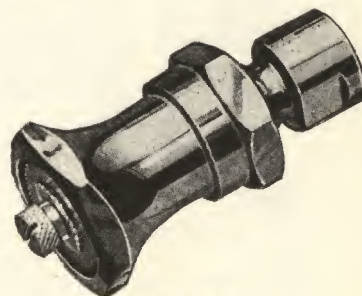


### No. 1272—45° Bent Shower Arm

$\frac{1}{2}$ " x 9" - 12" - 15" Lengths.  
Specify Length Required.

### No. 1277—Adjustable Ceiling Support

Loop to Take  $\frac{3}{4}$ " or 1" O. D. Tubing. Running Thread on Rod. Lengths — 15" to 60".



**No. 620-B**

**No. 620-B** Brownie Shower Head with ball joint. Same as No. 620-A except without supply arm and flange. Chromium plated.

### USE THIS TABLE WHEN ORDERING SHOWER HEADS

No.	Dia. of face	Con-struction	Style
1450-4"	4"	Cast	with ball joint
1452-4"	4"	Cast	less ball joint
1454-4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	Wrought	with ball joint
1454-6"	6"	Wrought	with ball joint
1456-4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	Wrought	less ball joint
1456-6"	6"	Wrought	less ball joint

Number after dash indicates outside diameter in inches of face.  
All wrought shower heads equipped with concave face.

### SHOWER HEADS



**Wrought Brass Shower Head with Integral Ball Joint**  
Polished Chromium  
No. 1454-4 $\frac{1}{2}$ "

Wrapped in tissue, 6 in a box, 10 boxes in a carton.

#### Shower Head

No. 1454-6"—Not Illustrated  
Same style and finish as No. 1454-4 $\frac{1}{2}$  inch except face 6 inches diameter. Wrapped in tissue, 6 in a box, 10 boxes in a carton.



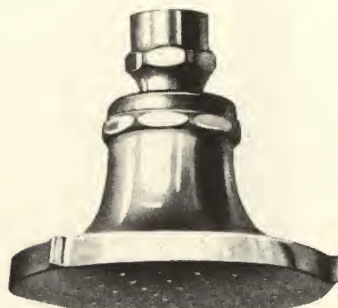
**Wrought Brass Shower Head**  
Polished Chromium  
No. 1456-4 $\frac{1}{2}$ "

Wrapped in tissue, 6 in a box, 18 boxes in a carton.

#### Shower Head

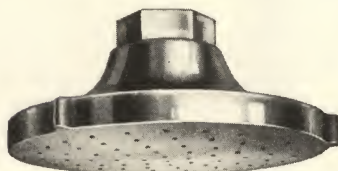
No. 1456-6"—Not Illustrated  
Same style and finish as No. 1456-4 $\frac{1}{2}$  inches except face 6 inches diameter. Wrapped in tissue, 6 in a box, 12 boxes in a carton.

### Shower Heads



**Cast Brass Shower Head with Integral Ball Joint**  
Polished Chromium  
No. 1450-4"

Wrapped 6 in a box, 12 boxes in a carton.



**Cast Brass Shower Head**  
Unfinished and Polished Chromium  
No. 1452-4"

Wrapped 6 in a box, 25 boxes in a carton.

All Shower Heads tapped  $\frac{1}{2}$  inch iron pipe size, equipped with removable face





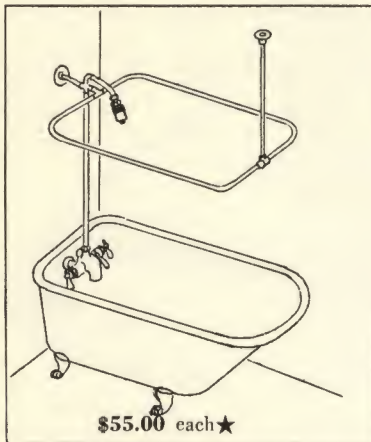
**BRIDGE**

**PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK**

## TYPICAL ADD-A-SHOWER INSTALLATIONS

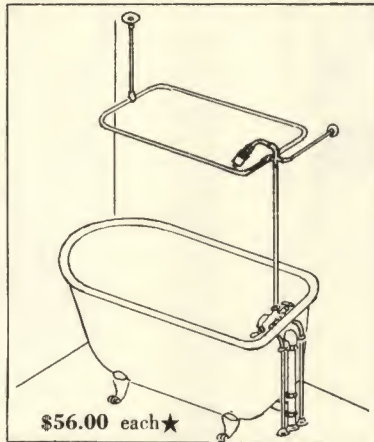
**There is an Add-a-Shower to Fit Every Tub—Every Tub without a Shower Needs an Add-a-Shower**

Tell us what you have and we will tell you what you need. No disturbance of plumbing or marring of walls.



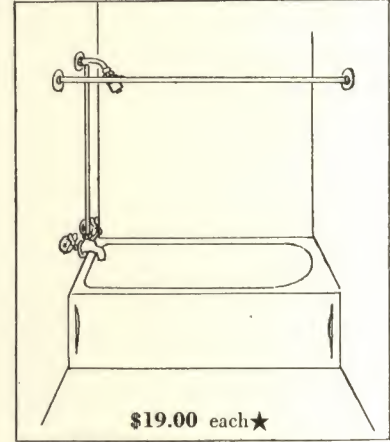
**\$55.00 each★**

No. 1—Tub on legs, set in corner with double bath faucet at corner end. Remove old faucet and equip with No. 530 Add-a-Shower, complete with 24-in. x 24-in. curtain rod and 2 curtains.



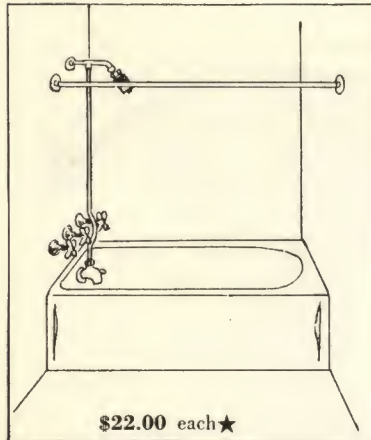
**\$56.00 each★**

No. 2—Tub on legs, with double bath faucet at exposed end. Remove old faucet and equip with No. 530 special Add-a-Shower, complete with 24-in. x 24-in. curtain rod, street ell and 18-in. wall support and 2 curtains.



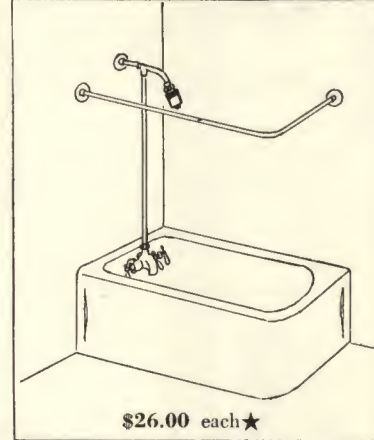
**\$19.00 each★**

No. 3—Built-in recess (or corner) tub with spout over rim. Remove old spout and equip with No. 488 Add-a-Shower. Curtain rod and curtain extra.



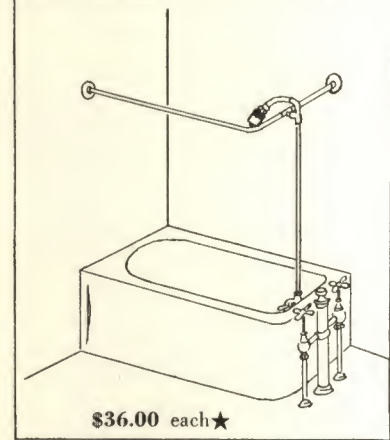
**\$22.00 each★**

No. 4—Built-in recess (or corner) tub with 3 handles on wall and spout (or bell) inside tub. Remove old spout (or bell) and equip with No. 528 Add-a-Shower with No. 591 offset riser to clear waste handle. Curtain rod and curtain extra. Send old spout with order, for thread size.



**\$26.00 each★**

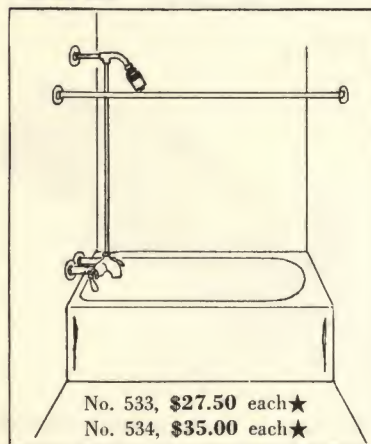
No. 5—Built-in corner (or recess) tub with double bath faucet inside tub. Remove old faucet and equip with No. 532 Add-a-Shower. Curtain and rod extra.



**\$36.00 each★**

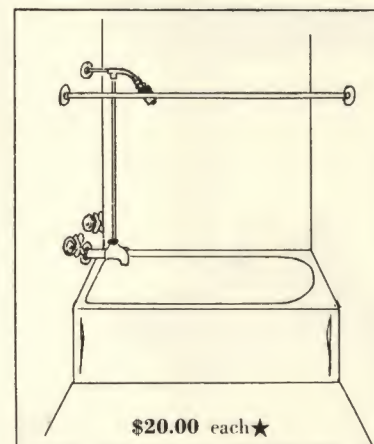
No. 6—Built-in corner tub with exposed fixture at exposed end, spout (or bell) inside tub. Remove old spout and equip with No. 528 Add-a-Shower (special) with corner curtain rod and curtains. Send old spout with order, for thread size. Advise width and length of tub.

Curtain rods and curtains only, see page 30.



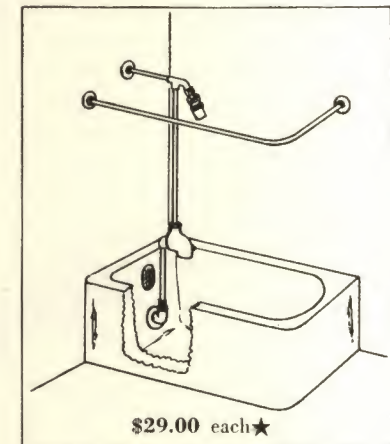
No. 533, **\$27.50 each★**  
No. 534, **\$35.00 each★**

No. 7—Built-in recess (or corner) tub with double bath faucet on wall over rim. Remove old faucet and equip with No. 533 or No. 534 Add-a-Shower. Curtain and rod extra.



**\$20.00 each★**

No. 8—Built-in recess (or corner) tub with spout over rim, and with valve handles too close together for riser to pass between. Remove old spout and equip with No. 528 Add-a-Shower with No. 527 extension shank. Curtain rod and curtain extra.



**\$29.00 each★**

No. 9—Built-in corner (or recess) tub with low bell supply in tub. Remove old bell and equip with No. 528 Add-a-Shower with No. 510 extension for low bell supply in tub.



### No. 2916A Speakman Trans-Nozzle Exposed Showers

All-metal Trans-Nozzle shower and bath fitting with nozzle through tub,  $\frac{3}{4}$ -inch inlet in nozzle,  $\frac{1}{2}$ -inch riser pipe, adjustable wall support, bent arm and Adjusta-Spray shower head with integral ball joint.

Risers in all showers are of a length so that when shower is installed the head will be approximately  $5\frac{3}{4}$  feet from bottom of tub.

Speakman Trans-Nozzle Showers can be installed on all kinds of tubs already in service and attached to practically any kind of bath fixtures without disturbing either the wall or tub. By removing the present nozzle in tub, the new nozzle which contains a transfer valve for directing water to shower or tub, is put in its place. Riser and head are then attached and the shower is ready to operate. A special type of coupling attachment is furnished for double bath faucets.

Exposed metal chromium plated.

Approx. Ship. Wt. ....lbs. 9

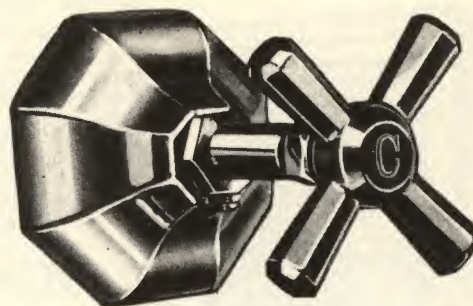
### No. 2918A Speakman Trans-Nozzle Exposed Showers

All-metal Trans-Nozzle shower and bath fitting with nozzle over tub,  $\frac{3}{4}$ -inch inlet in nozzle,  $\frac{1}{2}$ -inch riser pipe, adjustable wall support, bent arm and Adjusta-Spray shower head with integral ball joint.

Risers in all showers are of a length so that when shower is installed the head will be approximately  $5\frac{3}{4}$  feet from bottom of tub.

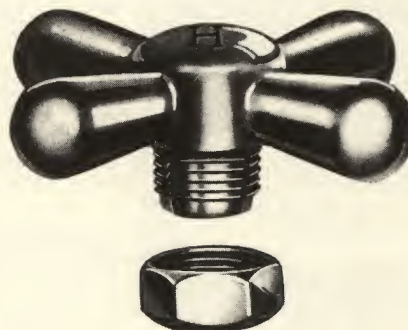
Speakman Trans-Nozzle Showers can be installed on all kinds of tubs already in service and attached to practically any kind of bath fixtures without disturbing either the wall or tub. By removing the present nozzle above tub, the new nozzle which contains a transfer valve for directing water to shower or tub, is put in its place. Riser and head are then attached and the shower is ready to operate. A special type of coupling attachment is furnished for double bath faucets.

Exposed metal chromium plated.  
Approx. Ship. Wt. ....lbs. 10



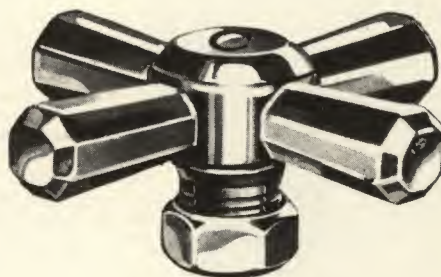
### No. 1120—"Octo-Chrome" Bell Sliding Escutcheon

For Bath and Shower Fixtures,  $\frac{5}{8}$ " Hole. Shown with Sliding Adjustment Tube and Handle. (Patented Feature).



### No. 1127—Lock-Type Handle

4-Arm, Fit-All, For Bath and Shower Fixtures.

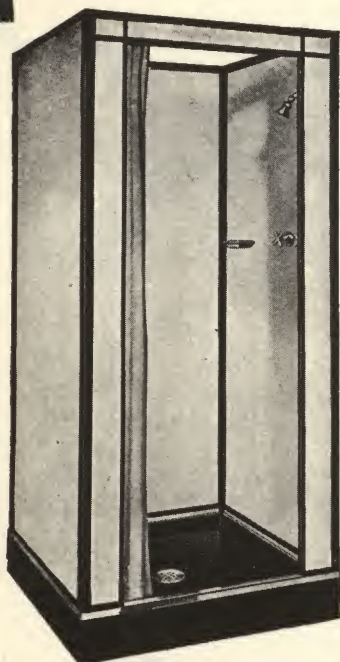


### No. 1125—"Octo-Chrome" Lock-Type Handle

4-Arm, Fit-All, For Bath and Shower Fixtures.

BRIDGE PLUMBERS SUPPLY CO.





**The VP Weisway Cabinet Shower** has walls of Armco iron. Interior and front face white vitreous porcelain enameled. Other colors available. Exterior sides and back regularly finished in black vitreous porcelain, but when exposed, are finished to match interior. Corner locking members and top frame, black baked enamel.

Receptor is of Armco iron, one-piece, vitreous porcelain enameled. Exterior, jet black; interior textured green on black. Floor has Foot-Grip, No-Slip surface. Threshold and trim, brass chromium-plated.

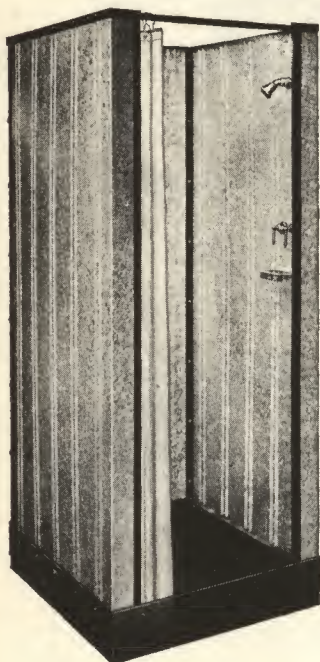
Standard equipment includes SVP 2-valve combination unit; adjustable water-saver type self-cleaning head; cast brass waste and strainer for 2-inch pipe; soap dish and curtain rod.

Exposed brass chromium-plated.

When ordering state whether fixture drillings are required on right or left-hand side of cabinet and if any exterior sides are to be exposed and finished to match interior.

No. ....	32VP	36VP	3642VP	4236VP	*36VPC
Size.....in.	32x32x80	36x36x80	36x42x80	42x36x80	36x36x80
Ship Wt.lbs.	340	360	410	410	360

\*Corner entrance model.



**The Cottager Cabinet Shower** has walls of galvanized steel, select spangled finish, modernistically paneled. Entrance stiles, corner assembly members, and top frame are black baked enamel.

Walls also furnished with pastel green or other color baked enamel finish at extra cost.

Receptor is galvanized steel, one-piece, black enamel finish baked on at 350°F. Cast brass waste with strainer. Baseframe, galvanized steel, black baked enamel finish.

Standard equipment includes CWL 2-valve combination unit; adjustable, water-saver type, self-cleaning head; cast waste and wrought strainer for 2-inch pipe, inside caulking; soap dish; black enameled steel curtain rod with white duck curtain and chromium rings.

Exposed brass, dull chromium-plated.

When ordering, state whether fixture drillings are required on right or left-hand side of cabinet.

No. ....	53-G	53-SE	53-OC
Wall Finish...	Galvanized	Pastel Green	Other Colors
Size.....in.	30x30x76	30x30x76	30x30x76
Ship Wt....lbs.	140	140	140



No. 15

**Fiat Marine Shower Cabinets** have no top: walls of 18-gauge rust-proofed galvanized steel finished in green baked on enamel. Other colors extra.

Receptor is of Stonetex, an aggregate of gray and white Portland cement and crushed stone chemically waterproofed, cream gray color, with chrome-plated strainer cast integral. Receptor flange is thoroughly imbedded in receptor and perforated to insure perfect bond; extends 1 inch above shoulder of receptor and encases bottom of compartment walls, insuring leakproof joints of the compartment walls and receptor.

Chromium-plated brass rod and curtain hook rings; pre-shrunk duck curtain.

With special chromium-plated water-saving shower head and chromium-plated 2-valve shower control; chromium-plated soap-dish. Integrally cast-in 2-inch floor drain with flush 4½-inch chromium-plated removable strainer face.

Outside Dimensions.....inches	32x32	36x36
Height.....inches	76	76
Approximate Shipping Weight.....pounds	500	595

**Fiat Junior Shower Doors** are adaptable to all types of shower enclosures—Fiat Shower Enclosures, or marble and tile enclosures.

Made of heavy brass, chromium-plated, with grille vent, glass panel (either clear or obscure), specially constructed water table with drain gutter (which prevents water dripping on floor when door is open after shower has been in use).

Has specially constructed, leakproof continuous piano hinge.

Glass, ¼-inch plate, either clear or obscure, is set in heavy rubber U channel.

Special offset design handles on both sides of door.



Fig. 212

Grille vent is 7 inches high; has ⅜-inch square bars in opening.

Heavy chromium-plated finish.

Regular stock sizes for openings: 24x72, 25x74, 26x76 and 27x78 inches. Special sizes furnished according to details and specifications.

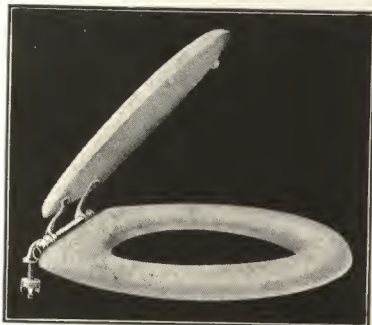




### Church Water Closet Seats

**Church Sani-Seats** are made from seasoned hardwood, reinforced with grooved dowels, rendering them practically split-proof. The finish is a composition sheathing veneered and lap welded over wood base, thereby obtaining a smooth, tough, durable finish. Hinges are pure ingot brass.

**DeLuxe and Regal Seats** may be furnished in white, plain colors, or sea pearl colors, to match fixtures of leading manufacturers.



**No. 600 Regal,  
1 1/4-Inch Stock**

No. 600, seat and cover for regular bowl.

No. 610, seat, no cover for regular bowl.

No. 680, seat and cover for elongated bowl.

No. 685, seat, no cover for elongated bowl.

**No. 620 Regal,  
1 1/4-Inch Stock**

No. 620, seat and cover for regular bowl.

No. 630, seat, no cover for regular bowl.

No. 690, seat and cover for elongated bowl.

No. 695, seat, no cover for elongated bowl.



**No. 425 DeLuxe,  
1 1/2-Inch Stock**

No. 425, seat and cover for regular bowl.

No. 435, seat, no cover for regular bowl.

No. 460, open front seat and cover for regular bowl.

No. 470, open front seat, no cover for regular bowl.

**No. 142 DeLuxe,  
1 1/4-Inch Stock**

No. 142, seat and cover for regular bowl.

No. 155, seat, no cover for regular bowl.

No. 162, open front seat and cover for regular bowl.

No. 175, open front seat, no cover for regular bowl.



**No. 284 DeLuxe,  
1 1/2-Inch Stock**

No. 284, seat and cover for elongated bowl.

No. 294, seat, no cover for elongated bowl.

No. 286, closed front seat and cover for elongated bowl.

No. 296, Closed front seat, no cover for elongated bowl.

**No. 10 Climax,  
1-Inch Stock**

No. 10, sahi-white seat and cover for regular bowl.

No. 10, mahogany finished seat and cover.

No. 10, natural oak seat and cover.



**No. 12 Lacaloid,  
1-Inch Stock**

No. 12, white sprayed lacquer finished seat and cover.

**No. 70 Varnish Finish,  
1 1/4-Inch Stock**

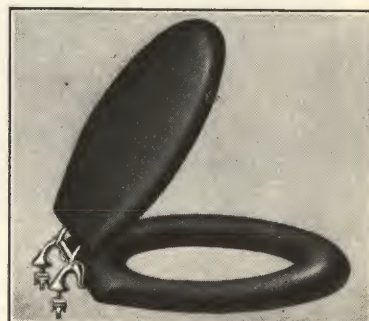
No. 70, seat and cover for regular bowl.

No. 71, seat, no cover for regular bowl.

No. 72, open front seat and cover for regular bowl.

No. 73, open front seat, no cover for regular bowl.

Specify whether mahogany finish or oak.







### Church Water Closet Seats

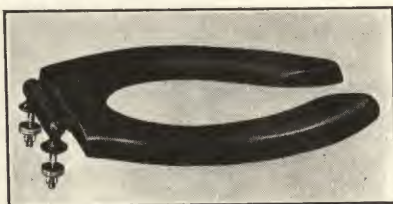
#### For Commercial and Industrial Use

**Church Sani-Black Seats** are recommended for buildings where toilets receive unusual abuse and hard usage such as factories, schools, office buildings, etc. The seat is vulcanized hard rubber molded under pressure over a hardwood core and reinforced with steel plate into one integral unit. Hinge posts are brass with hard rubber covering. No metal to clean. Guaranteed to withstand rough treatment. Their first cost is their last cost.



**No. 2200 Sani-Black**

No. 2200, seat and cover for regular bowl.  
No. 2300, seat, no cover for regular bowl.



**No. 2500 Sani-Black**

No. 2500, seat for elongated bowl.  
No. 2600, seat and cover for elongated bowl.



**No. 5700 Sani-Black**

No. 5700, seat for regular bowl.  
No. 5600, seat and cover for regular bowl.



**No. 5900 Sani-Black**

No. 5900, seat for elongated bowl.  
No. 5100, seat for regular bowl.

### Church Mol-Tex White Closet Seats

#### For Regular Bowls



Mol-Tex white molded open front seat without cover and with integral molded check hinge.

The surface of Mol-Tex white seats is a thick composition plastic molded under hydraulic heat pressure over a kiln-dried hardwood core. Hinges are of brass

with white Mol-Tex covering.

No metal exposed when seat is installed.

No. 9700, without Cover, with Check Hinge.....each .....  
No. 9800, with Cover, Plain Hinge.....each .....

### Church Mol-Tex White Closet Seats

#### For Elongated or Extended Lip Bowls



Mol-Tex white molded open front seat without cover and with integral molded check hinge.

The surface of Mol-Tex white seats is a thick composition plastic molded under hydraulic heat pressure over a kiln-dried hardwood core.

Hinges are of brass with white Mol-Tex covering.

No metal exposed when seat is installed.

No. 9500, without Cover, with Check Hinge.....each .....  
No. 9600, with Cover, Plain Hinge.....each .....



### No. 68 Mastercraft Offset Post Bar Hinges

Chromium-plated closet offset post bar hinges, for seat and cover.

Per Pair.....

### Vitreous China Low Tanks



**No. F-4050**

Exposed metal chromium plated.

**No. F-4070, Bottom Supply—No. F-4075, Concealed Supply**

Same as above except 8-gallon capacity, and with 2-inch straight flush connection.

No.....	{ F-4050	F-4070
	{ F-4055	F-4075
Size.....inches	20 1/2 x 8 x 16 1/2	22 3/4 x 7 3/4 x 18 1/4
Approx. Ship. Wt.....pounds	62	80

Furnished in white or colors.

**No. F-4050, Bottom Supply**  
**No. F-4055, Concealed Supply**

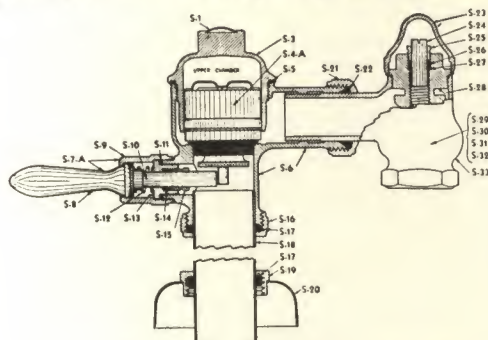
Vitreous china low tank, 6-gallon capacity, with beveled corners and depressed lid.

Fittings, elevated float valve, flush valve, single action flush lever with metal handle, 2-inch elbow flush connection, wall screws, and straight supply pipe to floor.



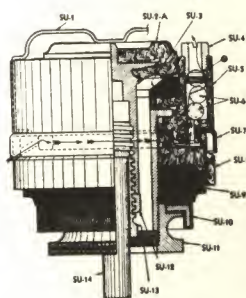


## No. 9000 Si-Flo Flush Valve Parts List



No.	Name of Part	Each	No.	Name of Part	Each
S-1	Si-Flo Index...	.....	S-17	Outlet Washer...	.....
S-3	Piston Cap.....	.....	S-18	Outlet Tube.....	.....
S-4a	Piston Comp., Nos. 9180, 9182, 9184, 9186 or 9188...	.....	S-19	Spud Coupling, Nut.....	.....
S-5	Piston Cap Washer.....	.....	S-20	Spud Escutcheon.....	.....
S-6	Flush Valve Body.....	.....	S-21	Expansion Nut.....	.....
S-7a	Handle Assembly	.....	S-22	Packing Ring...	.....
S-8	Metal Handle...	.....	S-23	Dome Cap.....	.....
S-9	Handle Nut.....	.....	S-24	Spindle.....	.....
S-10	Handle Plunger	.....	S-25	Packing Nut...	.....
S-11	Fibre Washer...	.....	S-26	Packing.....	.....
S-12	Spring.....	.....	S-27	Brass Packing Ring.....	.....
S-13	Packing Gland...	.....	S-28	Hub.....	.....
S-14	Packing.....	.....	S-29	Throttle Unit...	.....
S-15	Packing Nut.....	.....	S-30	Seat Washer...	.....
S-16	Outlet Coupling Nut....	.....	S-31	Brass Washer...	.....
			S-32	Hex Locknut...	.....
			S-33	Controlling Stop Body...	.....

## No. 9180 Speakman Piston Units For Speakman Si-Flo Flush Valve



The bi-pass valve, No. SU-4, is self-cleaning. Each time the valve is flushed the water enters the holes in washer holder, No. SU-8, under cup leather, No. SU-7, and passes around groove to bi-pass chamber containing 2 Monel balls, No. SU-6.

As upper ball is approaching seat, a small quantity of water is forced ahead of the balls at a high velocity, cleansing the seat of all foreign matter.

The upper ball seals the seat with the exception of a small slot which allows water at a predetermined rate to slowly fill the upper chamber. The pressure thus created slowly returns piston to its seat.

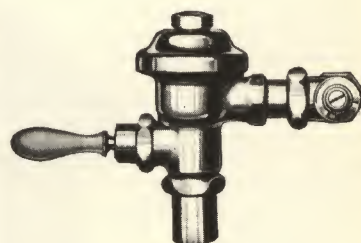
No.	Name of Part	Each
SU-1	Monel Trip Valve Spring.....	.....
SU-2A	Trip Valve Complete.....	.....
SU-3	Trip Valve Moulded Washer.....	.....
SU-4	Bi-Pass Valve.....	.....
SU-5	Moulded Top Piston Assembly.....	.....
SU-6	1/2-Inch Monel Balls.....	.....
SU-7	Hydraulically Treated Cup Leather.....	.....
SU-8	Moulded Washer Holder.....	.....
SU-9	Moulded Main Seat Washer (Reversible)...	.....
SU-10	Monel Wire Silencer.....	.....
SU-11	Silencer Locknut.....	.....
*SU-12	Trip Valve Locknut.....	.....
*SU-13	Trip Valve Adjusting Sleeve.....	.....
*SU-14	Trip Valve Plunger.....	.....

\*No. Su-2A parts.

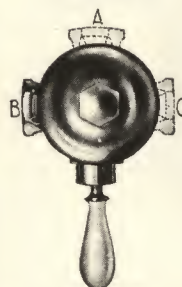
## Royal Flush Valves



No. 100G



No. 110FG



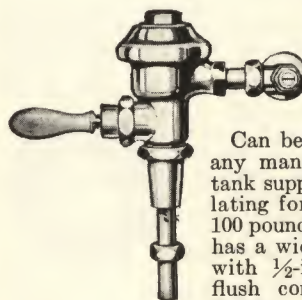
Top View

This valve flushes the same amount of water at each operation regardless of whether handle or button is held or released, thus preventing either an excessive or insufficient flush.

It can be used in either direct or tank supply and does not require regulating for any variation in pressure.

The top view shows regular inlet at B, but the valve can be furnished with inlet at A or C when so ordered.

## No. R5701 Royal Flush Valves For Urinals



This valve flushes the same amount of water at each operation, and thus automatically prevents the user from causing either an excessive or an insufficient flush.

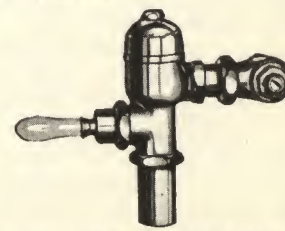
Can be used on plumbing fixtures of any manufacture, on either direct or tank supply, and does not require regulating for any pressure between 5 and 100 pounds. Noiseless, easy to operate; has a wide range of operation. Fitted with 1/2-inch angle stop, 3/4-inch o.d. flush connection, spud coupling and flanges.

Also furnished chromium-plated.

## Star Flush Valves



No. 100G with Straight Stop



No. 110FG with Angle Stop

A flush valve for buildings; handles dirty and sandy water with all kinds of debris.

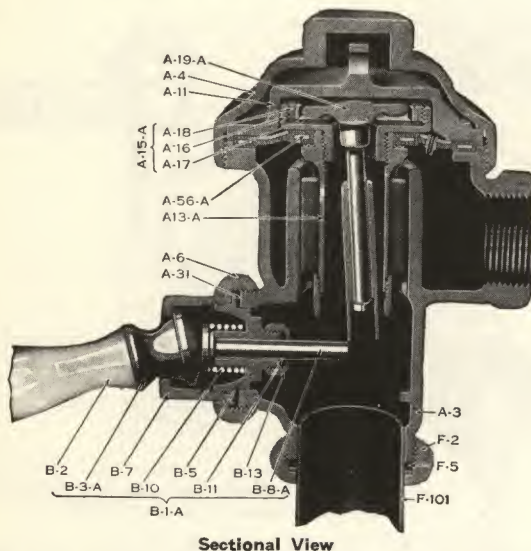
A handy screw adjusts the amount of flush to suit any fixture and requires no skill, no opening of the valve, no shutting off water, no adjusting of by-pass, and even though pressure varies from 5 to 100 pounds, amount of flush remains the same, with ample refill for deep seal bowls.

By-pass and relief valves are both self-cleaning even in dirty or sandy water.

Relief and main valve seats are easily reversible for double wear. The large waterway through the valve insures unrestricted flow and permits operation with low pressures.



## Royal Flush Valve Parts



Sectional View

Delivers a uniform amount of water, then closes, regardless of how long the operating handle is held down.

Requires no adjustment for variations in water pressure. Has no screws or other regulating devices. Suitable for exposed or concealed installation; top, back or side inlet fixtures, with either handle or push button on front, right or left-hand side, with straight or angle controlling stop and with straight or elbow flush connection.

A slight movement of the handle or push button results in a quick, complete flush—no strength or special method of operation is required. The only moving part is a complete unit which operates without friction.

The metal used in this valve is a uniform high grade bronze, heavily plated.

When wall hung closets are used, they require a pressure, maintained at the valve, of not less than 20 pounds for blow-out type, or 15 pounds for syphon jet type. Orders must state which type will be used.

All parts can be replaced as listed below.

### Improved Royal Valve

No.	Name of Part	Each
A4	Outside Cover.....	\$2.50
A11	Inside Cover.....	1.25
A13A	Guide.....	1.00
A15A	Disc Complete.....	.75
A17	Relief Valve Seat.....	.05
A19A	Relief Valve.....	.75
A56A	Segment Diaphragm.....	.70

### Improved Royal Outlet

F2A	1½-Inch Outlet Coupling Assembly.....	\$ .40
F2A	1½x1¼-Inch Outlet Coupling Assembly.....	.40
F3	1½-Inch Friction Ring.....	.02
F5	1½-Inch S.J. Rubber.....	.02
F101	1¼ or 1½x6-Inch Outlet.....	.60

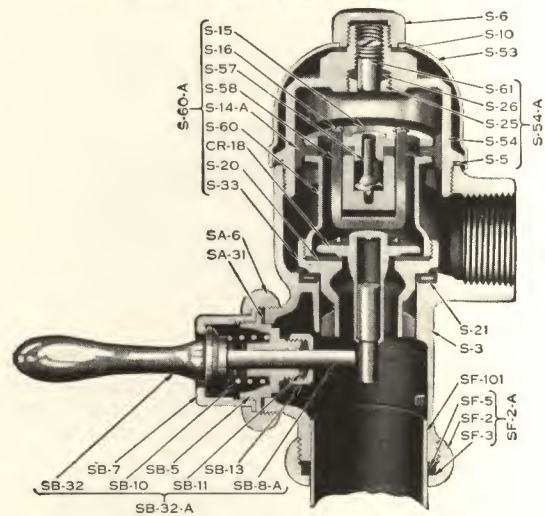
### Improved Royal Handle

B1A	China Handle Assembled.....	\$2.00
B2	China Grip.....	.40
B3A	Handle Shank.....	.40
B5	Handle Bushing.....	.40
B8A	Handle Plunger.....	.25
B10	Handle Spring.....	.15
B11	Handle Packing.....	.05
B13	Handle Packing Nut.....	.10
B32A	Metal Handle Assembled.....	2.00
B32	Metal Handle and Shank.....	1.00
A6	Handle Coupling.....	.40
A31	Handle Gasket.....	.02

### Former Royal with Plain Diaphragm

A24	By-Pass Tube.....	\$ .05
A25	Dowel.....	.02
A26A	Plain Diaphragm.....	.50

## Star Flush Valve Parts



A superior flush valve for fresh water in buildings.

Has a large waterway and delivers an efficient flush and refill at all pressures between 5 and 100 pounds on plumbing fixtures of any manufacture. However, wall hung and blow-out closets usually require 10 to 15 pounds or more.

A handy screw easily adjusts the flush to suit the fixture without shutting off the water. The Sloan Xpelor prevents clogging. All vital parts are of monel metal which resists wear and corrosion. Valve seats are reversible and renewable without tools or grinding.

A stable piston insures dependable operation. Has double cups.

### Star Valve

No.	Name of Part	Each
S-60-A	Sloco Stable Piston Assembled.....	\$3.75
S-15	Top Plate.....	.50
S-16	Top Plate Screw.....	.02
S-57	Xpelor.....	.25
S-58	Safety Bar.....	.10
S-14-A	Double Cups.....	.45
S-60	Stable Piston.....	.90
CR-18-A	Relief Valve.....	.75
S-20	Relief Valve Seat.....	.05
S-33	Guide for Valve with 1-Inch Inlet.....	.75
S-43	Guide for Valve with ½ or ¾-Inch Inlet.....	.75
S-6	Cover Nut.....	.30
S-10	Cover Nut Gasket.....	.02
S-53	N. P. Outside Cover.....	.50
S-54-A	Inside Cover Assembled.....	2.00
S-61	Regulating Screw.....	.15
S-26	Regulating Screw Packing.....	.05
S-25	Regulating Screw Packing Gland.....	.05
S-5	Cover Gasket.....	.10
S-21	Main Seat.....	.20

### Star Outlet

SF-101	1½ or 1¼x6-Inch Outlet.....	.60
SF-2-A	1½-Inch Outlet Coupling.....	.40
SF-2-A	1½x1¼-Inch Outlet Coupling.....	.40
SF-5	1½-Inch S. J. Rubber.....	.02
SF-3	1½-Inch Friction Ring.....	.02

### Star Handle

SB-32-A	Metal Handle Assembled.....	2.00
SB-32	Metal Grip and Shank.....	1.00
SB-10	Handle Spring.....	.15
SB-5	Handle Bushing.....	.40
SB-11	Handle Packing.....	.05
SB-13	Handle Packing Nut.....	.10
SB-8-A	Handle Plunger.....	.25
SA-6	Handle Coupling.....	.40
SA-31	Handle Gasket.....	.02
SB-1-A	China Handle Assembled.....	2.00
SB-2	China Grip.....	.40
SB-3-A	Handle Shank for China Handle.....	.40



## U. S. Rainbow Sheet Packing



Will pack an air, steam, hot or cold water joint equally well.

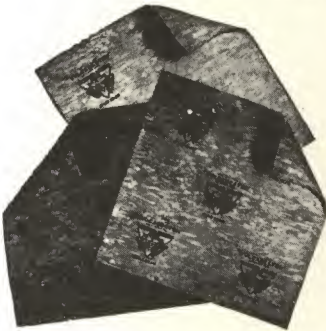
Fully tested to stand in service, without melting down and blowing out, a pressure of 150 lbs. of saturated steam.

Sufficiently pliable to fill up any irregularities in the flange and has necessary resilience to overcome vibration, contraction and expansion in line.

Standard rolls 36 inches wide.

Thickness.....inches  $\frac{1}{16}$   $\frac{3}{32}$   $\frac{1}{8}$   
Approx. Weight per Sq. Yd.....pounds  $5\frac{5}{8}$   $8\frac{1}{2}$   $10\frac{3}{4}$

## Style 601 Vulcabeston Red Compressed Asbestos Sheet Packing Extreme Style



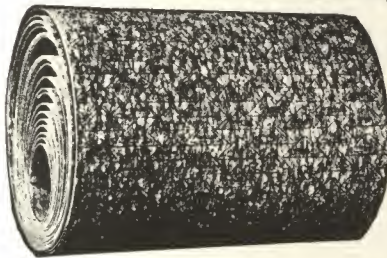
Recommended for packing against extreme conditions of heat pressure or destructive fluids, such as ammonia, gas, syrups and most acids and alkalis. It successfully resists up to 650 pounds steam pressure at 200° F. superheat and a temperature of 900° F., 4000 pounds hydraulic pressure, 350 pounds ammonia pressure, 1300 pounds air pressure, 2500 pounds gas pressure.

Used on compressors, gas and oil engines, valve bonnets, steam chests, headers, evaporator joints, flange joints and under conditions of super-heated and saturated steam, air, gas, ammonia and hot and cold water, caustic soda and other chemical solutions.

Furnished in 50x50, 50x150, 75x75 or 75x150-inch sheets.  
Thickness.....in.  $\frac{1}{32}$   $\frac{1}{16}$   $\frac{3}{32}$   $\frac{1}{8}$   
Approx. Wt. 50x50-In. Sheet.lbs.  $4\frac{3}{4}$   $9\frac{1}{2}$   $14\frac{1}{4}$  19

Can also be furnished in special widths and thicknesses from  $\frac{1}{64}$ -inch up as may be specified.  
Style 601, Red.....per pound \$2.00

## Durabla Compressed Asbestos Fibre Sheet Packing



A sheet that is not affected by vibration or condensation, and is equally efficient on low pressures as well as high pressures.

Will not dry out.  
Thicknesses of  $\frac{1}{64}$ ,  $\frac{1}{32}$ ,  $\frac{1}{16}$ ,  $\frac{3}{32}$  and  $\frac{1}{8}$  inch are made in stock sizes of 36

and 48x144 inches. These thicknesses can be furnished in wider widths up to and including 108 inches. The  $\frac{1}{16}$  and  $\frac{1}{8}$  inch are made only in sheets 36x72 inches. Thickness of  $\frac{1}{16}$  inch weighs approximately 5½ pounds per square yard.

Prices upon application.



## Tucks Round Piston Packing Style No. 97

For packing piston heads in hot or cold water pumps.

Made of specially selected duck. Put up in coils.

Sizes,  $\frac{1}{4}$  to 3 inches.

Style No. 97....per lb. \$1.00

## Durabla Ring Gaskets



Ring gaskets cover the faces of flanges just inside of bolts, and will be furnished unless otherwise ordered.

Gaskets listed below are  $\frac{1}{16}$  inch thick.

Special gaskets in all shapes and thicknesses can be furnished. For oil, steam, water, gasoline, ammonia, acids, alkalis, refrigerants, etc.

Pipe Size Inches	125-Pound Standard & Low Pressure Flanged Valves & Fittings		Each	250-Pound Extra Heavy & Medium Flanged Valves & Fittings		Each
	Size Gasket Inches			Size Gasket Inches		
$\frac{3}{4}$	$\frac{3}{4}$ x $2\frac{1}{8}$		\$ .02			
1	1 x $2\frac{5}{8}$		.03	1 x $2\frac{7}{8}$		\$ .04
$1\frac{1}{4}$	$1\frac{1}{4}$ x 3		.04	$1\frac{1}{4}$ x $3\frac{1}{4}$		.05
$1\frac{1}{2}$	$1\frac{1}{2}$ x $3\frac{3}{8}$		.05	$1\frac{1}{2}$ x $3\frac{3}{4}$		.07
2	2 x $4\frac{1}{8}$		.08	2 x $4\frac{3}{8}$		.09
$2\frac{1}{2}$	$2\frac{1}{2}$ x $4\frac{7}{8}$		.10	$2\frac{1}{2}$ x $5\frac{1}{8}$		.12
3	3 x $5\frac{5}{8}$		.12	3 x $5\frac{7}{8}$		.15
$3\frac{1}{2}$	$3\frac{1}{2}$ x $6\frac{3}{8}$		.17	$3\frac{1}{2}$ x $6\frac{1}{2}$		.18
4	4 x $6\frac{7}{8}$		.20	4 x $7\frac{1}{8}$		.21
5	5 x $7\frac{3}{4}$		.24	5 x $8\frac{1}{2}$		.30
6	6 x $8\frac{3}{4}$		.29	6 x $9\frac{7}{8}$		.40
8	8 x 11		.44	8 x $12\frac{1}{8}$		.57
10	10 x $13\frac{3}{8}$		.63	10 x $14\frac{1}{4}$		.76
12	12 x $16\frac{1}{8}$		.91	12 x $16\frac{3}{8}$		1.01
14 O. D.	14 x $17\frac{3}{4}$		1.03	$13\frac{1}{4}$ x $19\frac{1}{8}$		1.37
16 O. D.	16 x $20\frac{1}{4}$		1.33	$15\frac{1}{4}$ x $21\frac{1}{4}$		1.67
18 O. D.	18 x $21\frac{5}{8}$		1.40	17 x $23\frac{1}{2}$		2.00
20 O. D.	20 x $23\frac{7}{8}$		1.68	19 x $25\frac{3}{4}$		2.37
24 O. D.	24 x $28\frac{1}{4}$		2.30	23 x $30\frac{1}{2}$		3.25
30 O. D.	30 x $34\frac{3}{4}$		3.39	29 x $37\frac{1}{2}$		4.72
36 O. D.	36 x $41\frac{1}{4}$		4.56	$34\frac{1}{2}$ x 44		6.35
42 O. D.	42 x 48		6.19	$40\frac{1}{4}$ x $50\frac{3}{4}$		8.43
48 O. D.	48 x $54\frac{1}{2}$		7.81	46 x $58\frac{3}{4}$		11.37



## Style 2 Metallo Copper Asbestos-Filled Gaskets

A combination of deeply corrugated 14-oz. copper and long fiber asbestos cord.

Guaranteed for all working pressures up to 600 pounds; temperatures up to 750°.

Nominal Pipe Size In.	125 Lbs. Cast Iron Flanged Fittings Standard Size		Each	250 Lbs. Cast Iron Flanged Fittings Extra Heavy Size		Each
	Size Gasket, In. I.D.	O.D.		Size Gasket, In. I.D.	O.D.	
1	$1\frac{1}{4}$ x $2\frac{1}{2}$		\$ .16	$1\frac{1}{4}$ x $2\frac{3}{4}$		\$ .17
$1\frac{1}{4}$	$1\frac{1}{2}$ x $2\frac{7}{8}$		.17	$1\frac{1}{2}$ x $3\frac{1}{8}$		.18
$1\frac{1}{2}$	$1\frac{3}{4}$ x $3\frac{1}{4}$		.18	$1\frac{3}{4}$ x $3\frac{3}{8}$		.20
2	$2\frac{1}{4}$ x 4		.19	$2\frac{1}{4}$ x $4\frac{1}{4}$		.22
$2\frac{1}{2}$	$2\frac{3}{4}$ x $4\frac{3}{4}$		.29	$2\frac{3}{4}$ x 5		.29
3	$3\frac{1}{4}$ x $5\frac{1}{4}$		.29	$3\frac{1}{4}$ x $5\frac{3}{4}$		.43
$3\frac{1}{2}$	$3\frac{3}{4}$ x $6\frac{1}{4}$		.42	$3\frac{3}{4}$ x $6\frac{3}{8}$		.47
4	$4\frac{1}{4}$ x $6\frac{3}{4}$		.47	$4\frac{1}{4}$ x 7		.52
$4\frac{1}{2}$	$4\frac{3}{4}$ x $6\frac{7}{8}$		.45	$4\frac{3}{4}$ x $7\frac{5}{8}$		.62
5	$5\frac{1}{4}$ x $7\frac{5}{8}$		.55	$5\frac{1}{4}$ x $8\frac{3}{8}$		.74
6	$6\frac{1}{4}$ x $8\frac{3}{8}$		.63	$6\frac{1}{4}$ x $9\frac{1}{4}$		.92
7	$7\frac{1}{4}$ x $9\frac{7}{8}$		.80	$7\frac{1}{4}$ x $10\frac{7}{8}$		1.13
8	$8\frac{1}{4}$ x $10\frac{7}{8}$		.89	$8\frac{1}{4}$ x 12		1.25
10	$10\frac{1}{4}$ x $13\frac{1}{4}$		1.19	$10\frac{1}{4}$ x $14\frac{1}{8}$		1.62
12	$12\frac{1}{4}$ x 16		1.76	$12\frac{1}{4}$ x $16\frac{1}{2}$		2.15
14 O.D.	$14\frac{1}{4}$ x $17\frac{5}{8}$		1.87	$13\frac{1}{2}$ x 19		2.92
16 O.D.	$16\frac{1}{4}$ x $20\frac{7}{8}$		2.42	$15\frac{1}{2}$ x $21\frac{1}{8}$		3.36
18 O.D.	$18\frac{1}{4}$ x $21\frac{1}{2}$		2.58	$17\frac{1}{4}$ x $23\frac{3}{8}$		4.04
20 O.D.	$20\frac{1}{4}$ x $23\frac{3}{4}$		2.77	$19\frac{1}{4}$ x $25\frac{5}{8}$		4.64
24 O.D.	$24\frac{1}{4}$ x $28\frac{3}{8}$		3.49	$23\frac{1}{4}$ x $30\frac{3}{8}$		6.20
30 O.D.	$30\frac{1}{4}$ x $34\frac{5}{8}$		4.70	$29\frac{1}{4}$ x $37\frac{1}{4}$		8.58
36 O.D.	$36\frac{1}{4}$ x $41\frac{3}{8}$		6.20	$34\frac{3}{4}$ x $43\frac{3}{4}$		11.36
42 O.D.	$42\frac{1}{4}$ x $47\frac{3}{8}$		8.30	$40\frac{1}{2}$ x $50\frac{1}{2}$		14.62
48 O.D.	$48\frac{1}{4}$ x $54\frac{3}{8}$		10.24	$46\frac{1}{4}$ x $58\frac{1}{2}$		20.52
54 O.D.	$54\frac{1}{4}$ x $60\frac{3}{4}$		12.18			
60 O.D.	$60\frac{1}{4}$ x $67\frac{1}{4}$		14.50			
72 O.D.	$72\frac{1}{4}$ x $80\frac{1}{2}$		20.36			
84 O.D.	$84\frac{1}{4}$ x $93\frac{3}{4}$		25.76			
96 O.D.	$96\frac{1}{4}$ x 106		31.74			



## Chesterton's Combination Packing



Spiral Style No. 75



Ring Style No. 76

A square flax packing made sectional, for hot or cold water on outside packed plunger pumps up to 800 pounds pressure. Composed of high quality flax, duck, rubber back, and cotton jacket. Flax section next to plunger is wearing surface. Combination has a special white lubricant conforming with sanitary requirements of municipal water works. Self-setting, runs finger tight, outwearing flax 3 to 5 times. Made in sizes  $\frac{1}{4}$ -inch and up. Prices upon application.

## Twisted Graphite Packing For Valve Stems

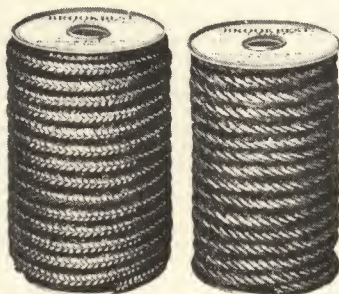


Fig. 455

Sizes:  $\frac{1}{8}$ ",  $\frac{1}{4}$ ",  $\frac{3}{16}$ " Diameter  
On Spools Weighing  
 $\frac{1}{4}$  Pound,  $\frac{1}{2}$  Pound

## Palmetto Twist Packing



Any size valve can be packed from one spool, by unstranding, as each single strand is a perfect packing in itself.

Size In.	Price per Lb.	No. Feet	Size In.	Price per Lb.	No. Feet	Size In.	Price per Lb.	No. Feet
$\frac{1}{8}$	\$2.00	74	$\frac{5}{16}$	\$2.00	20	$\frac{1}{2}$	\$2.00	7
$\frac{3}{16}$	2.00	57	$\frac{3}{8}$	2.00	13	..	....	..
$\frac{1}{4}$	2.00	33	$\frac{7}{16}$	2.00	10	..	....	..

## Chesterton's Square Flax Packing



### Style 80, Chesterton Brand

Composed of long line, pure flax roving which conforms to rigid U. S. Navy specifications. Embodies everything that is desirable in the best quality flax packing.

Can be furnished graphited if desired. Made in sizes  $\frac{1}{4}$ -inch and up. Prices upon application.

### Style 82, Egyptian Brand

A mixed roving, manufactured from strong, long fibres. This brand has remarkable wearing qualities, giving results equal to the best Russian flax.

Prices upon application.

### Style 84, Sterling Brand

Made from selected fibres of pure India jute. A serviceable grade for general hydraulic conditions.

Regularly boxed in coils.

Prices upon application.

## Chesterton's Old Glory Brand Manhole and Handhole Gaskets



Of asbestos woven cloth; not affected by heat.

**Manhole gaskets** with 1" or  $1\frac{1}{4}$ " flange,  $\frac{1}{4}$ " thick. Standard sizes: 7x9, 10x13, 10x14, 10x15, 11x15, 11x16, 12x16 inches.

**Handhole gaskets** with  $\frac{1}{2}$ ",  $\frac{5}{8}$ ", or  $\frac{3}{4}$ " flange,  $\frac{1}{4}$ " thick. Standard sizes: 3x4,  $3\frac{1}{2}$ x4, 3x5,  $3\frac{1}{2}$ x5, 4x5,  $4\frac{1}{2}$ x5, 4x6, 5x7, 6x8 inches. Prices upon application.

## J-M Asbestos Wick

This asbestos wick is for packing small valves, etc.

A good grade of twisted wick. Made of long fibre asbestos.

Put up in  $\frac{1}{4}$ ,  $\frac{1}{2}$ , and 1-pound balls, ready for use.

Prices upon application.

## Candle Wick

Carefully manufactured of cotton specially selected for the purpose.

For packing small valve stems, etc.

Furnished in 2-ounce balls.

Price.....per ball \$ .10





### U.S. Pilot Hydraulic Sheet Packings

No. 249



#### Cloth Inserted

Designed for low pressure cold water service and manufactured from high quality cotton fabric and rubber compound.

One ply of fabric is used for each  $\frac{1}{16}$  inch of thickness.

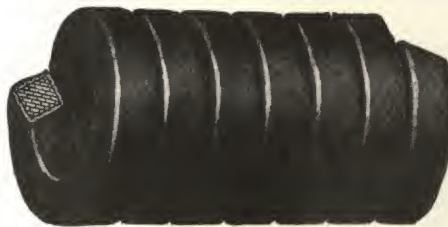
Furnished in standard rolls 36 inches wide, weighing approximately 100 and 200 pounds, in  $\frac{1}{16}$  and  $\frac{1}{8}$ -inch thicknesses.

Prices upon application.

### Guide Chart for Rod Packings

Service	Recommendation
High Pressure Steam, Gas, Hot Oil, Superheat, Compressed Air	No. 64
Acids, Hot Oils, Gasoline, Chemicals, Lye and Caustics, Cookers and Vats	
Brine, Ammonia, Low Pressure Steam (100 Pounds Maximum)	Carson Brand-315
Water: Hot or Cold	Monarch-55
Reciprocating Rods.....	
Centrifugal Pump.....	Monarch-55
Plungers (Outside Packed) Up to 800 Pounds Pressure.....	Centri-300
Plungers (Outside Packed) 800-3000 Pounds Pressure.....	Combination-75
Pistons of Pumps (Inside Packed) Hot Water.....	No. 85 Hydraulic Flax
Piston of Pumps (Inside Packed) Cold Water.....	Sq. Hydraulic-90
	Sq. Tucks-88

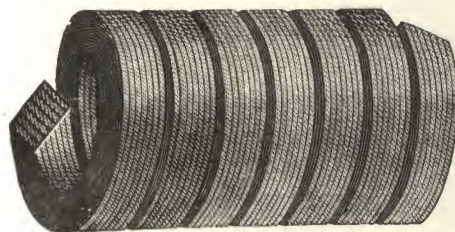
### No. 64 Chesterton Asbestos Rod Packing



A high pressure woven asbestos packing for all conditions of steam rod service, superheat, compressed air, gas, and hot oil. Diagonal construction allows for expansion and compressibility. Chesterton non-hardening compound prevents it from growing hard.

Size.....inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Feet per Pound.....	19	8.5	6	4.1	3	2.1	1.6
Feet per Coil.....	39	26	20	15.5	13.5	16	15
Coils per Box.....	1	1	1	1	1	1	1
Weight per Box.....pounds	2	$3\frac{1}{8}$	$3\frac{1}{2}$	$3\frac{3}{8}$	$4\frac{3}{4}$	$7\frac{7}{8}$	$8\frac{7}{8}$

### No. 55 Chesterton Monarch Packing



A duck and rubber rod packing for general service on low pressure steam, ammonia, brine, hot or cold water.

Made with a special

oilproof cushion between laminations of closely woven duck. Can be furnished in No. 60A ring form.

Size.....inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Feet per Pound.....	23.2	11.5	5.7	4.2	2.7	2.0	1.2
Feet per Coil.....	39	26	20	15.5	13.5	16	15.0
Coils per Box.....	1	1	1	1	1	1	1
Weight per Box.....pounds	2.1	2.5	3.5	4.25	5.0	7.5	8

### Style 315 Chesterton's Carson Brand Braided Asbestos Packing



A braided asbestos packing made from long Canadian asbestos fibre.

Particularly recommended and suited for packing against acids, gasoline, hot oil, lye, and other chemicals.

Can also be used on medium pressures of steam where a soft, highly lubricated packing is desired.

Excellent for vats, cooking kettles, etc.

Made in sizes  $\frac{1}{4}$ -inch and up.

Prices upon application.

### Style 300 Chesterton's Centri-fo Pump Packing



A self-lubricating braided cotton packing. Made exclusively for use on centrifugal and rotary pumps, handling hot or cold water, oil and brine. Will not harden and score shaft. Is processed with special high melting point, waterproof lubricants.

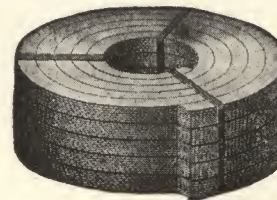
Does not contain graphite, so it may be used safely where there is danger of contaminating stock.

Made in sizes  $\frac{1}{4}$ -inch and up.

Prices upon application.

### Chesterton's Square Hydraulic Packing

Style 90, Medium  
Style 92, Rock Hard  
Style 88, Cold Water Tucks



A hot water piston pump packing made of exceedingly fine woven cloth, so compounded and frictioned that swell is reduced to a minimum.

Made in sizes  $\frac{1}{4}$ -inch and up.

Prices upon application.

BRIDGE PLUMBERS SUPPLY CO.





### American Jute Products



Bale Oakum



Coil Twisted Jute Packing

#### Royal Brand Plumbers' Oakum

Used in construction work for caulking water mains, sewer pipes, etc.

Put up in 50-pound bales.

#### Eagle Brand Twisted Jute Packing

Used for caulking water, gas and sewer mains.

Furnished tarred, untarred or oiled as ordered.

Put up in 50 or 100-pound coils.

Extra for oiled twisted jute, 1 cent per pound.

#### American Brand, No. 1 Best Quality Marine Oakum

Used for caulking barges, side walks, window sash, factory floorings, etc. It is the best grade of marine oakum and is recommended for use in all cases requiring an extra high grade of caulking oakum.

Carried in stock in bales averaging 50 pounds each, spun or unspun.

#### Magnolia Anti-Friction Metal



A graphite-treated anti-friction metal. By U. S. Government test, it is anti-frictionally 300% superior to genuine babbitt.

Has withstood 16,980 pounds to square inch under controlled test. Lowest known co-efficient of friction, .001459 with water lubrication. Suggested pouring range between 825° and 900° F. Brinell 21.8.

Recommended for all steady high speed and heavy pressure including motors from 10 to 250 h.p. Not recommended for connecting rod bearings.

Packed in 28, 56, and 112-pound boxes.

Prices upon application.

#### Lubri-Tasgon

Lubri-Tasgon is a rich, pure oil, finely divided. Penetrates quickly into unreachable places. Gives lasting lubrication in tight fittings. Prevents rust formation on sheet metal, finished tools, parts, etc. Used by mechanics to loosen rusted connections quickly, to free sticky valves, to break in new motors, to oil generators, etc. Three-ounce can used by autoists and householders.



Blends readily with any oil.

Drums, 30 Gallons.....	per gallon	\$3.35
1/2 Drums, 15 Gallons.....	per gallon	3.70
5-Gallon Cans.....	per gallon	4.45
1-Gallon Cans.....	per gallon	5.00
Quart Cans.....	each	1.50
Pint Cans.....	each	1.00
3-Ounce Cans.....	each	.30

### Key Graphite Paste

For sealing all screw thread and gasket joints. Expands with heat; ideal for use on steam, hot oil and hot air lines. Will hold a joint leak-proof against all oils, acids and gases which have a tendency to penetrate through the joint. Requires water only for thinning. Does the work of red lead, white lead, graphite and oil, shellac, litharge, etc.



Price, in 1/4-Pound Cans.....	each	\$ .25
Price, in 1-Pound Cans.....	each	.75
Price, in 3-Pound Cans.....	each	1.65
Price, in 5-Pound Cans.....	each	2.50
Price, in 10 Pound Cans.....	each	4.50
Price, in 30-Pound Steel Buckets.....	each	10.50
Price, in 60-Pound Steel Buckets.....	each	15.00

Also packed in 700-pound steel drums.

### Key-Tite Waterproof Pipe Joint Compound

Key-Tite Pipe Joint Compound will effectively seal screw thread and gasket joints for such service as gas, water, steam, compressed air, etc.

It is not a quick hardening cement, but a plastic lubricant and filler that will seal the most obstinate joint with ease.

Covers more surface than lead mixtures and is more economical.



1/2-Pint Cans.....	\$ .25
1-Pint Cans.....	.40
1-Quart Cans.....	.75
1/2-Gallon Cans.....	1.35
1-Gallon Cans.....	2.55
5-Gallon Pails.....	10.80
400-Pound Drums.....	per lb. .16

Price, Handy Dope Kit, 1/2-Pint Can, Screwed Cover, with Brush Attachment.....each \$ .30

### Dixon's Ticonderoga Flake Lubricating Graphite

Furnished in particle size No. 1 in large, unctuous, lustrous flakes, or in particle size No. 2 in finely, subdivided, powdered flakes.

Specify No. 1 or 2 when ordering.

Used by power plant engineers and others for lubrication and coating gaskets, packing, etc., and for miscellaneous uses.

The 25 and 50-pound quantities furnished in drums, all other sizes in cans.



No.....	632	633	634	644	645
Per Pound.....	\$ .45	.40	.37 1/2	.35	.33
Size Container.....	lbs. 1	5	10	25	50
No. Per Case.....	36	10	5	...	...

In larger containers, prices upon application.

### Dixon's Pipe Joint Graphite Compound

Water insoluble. Functions both as a lubricant and a seal on all threaded, gasketed and flange pipe and other joints to make them tight against hot and cold water, all aqueous solvents, steam, air, gas, acids, alkalies and brine.

Assures quick easy assembling and disassembling of connections without damage to gaskets or fittings.

The 1/4-pound quantity furnished in tubes, 25 and 50-pound quantities in buckets, all other sizes in cans.



Size Container.....	1/4	1	5	10	25	50
Per Pound.....	*\$ .25	.35	.30	.28	.26	.24
No. per Case.....	36	36	10	6	...	...

\*Price per tube.

In larger containers, prices upon application.





### Hoegger Square Tyteset Bathroom Accessories

No. C-801-Y  
Tumbler  
Holders



No. C-801-Y  
each

No. C-813-Y  
Toothbrush  
Holders



No. C-813-Y  
each

No. C-815-Y Tumbler and  
Toothbrush Holders



No. C-815-Y.....each

No. C-4-Y  
Single Hooks



No. C-4-Y  
each

No. C-8-Y  
Double Hooks



No. C-8-Y  
each

No. C-717-Y Metal  
Soap Holders



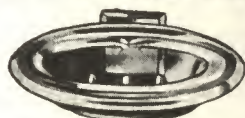
No. C-717-Y.....each

No. C-704-Y Soap Holders



Size dish, 6 $\frac{1}{4}$ x5x2 inches.  
No. C-704-Y, Crystal ea. ....  
No. C-704-Y, Black...ea. ....  
For Drain Hole, Add....

No. C-715-Y Soap Holders



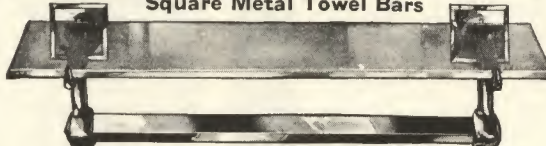
Size dish, 7 $\frac{1}{4}$ x5 $\frac{3}{4}$ x2 inches.  
No. C-715-Y, Crystal ea. ....  
No. C-715-Y, Black...ea. ....  
For Drain Hole, Add....

No. C600-Y  $\frac{1}{4}$ x5-Inch Glass Shelves



With spring brackets.  
Length.....inches 18 24 30  
No. C-600-Y, Crystal Shelf...each  
No. C-600-Y, Black Shelf...each

No. C-614-Y  $\frac{1}{4}$ x5-Inch Crystal Shelves and  $\frac{3}{4}$ -Inch  
Square Metal Towel Bars



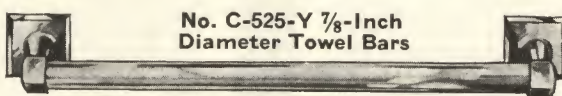
With spring brackets.  
Length Shelf.....inches 18 24 30  
Length Bar.....inches 14 18 24  
No. C-614-Y.....each

No. C-505-Y  $\frac{3}{4}$ -Inch  
Square Towel Bars



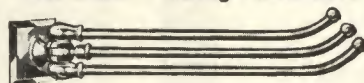
Length.....inches 18 24 30  
No. C-505-Y, Chromium Metal  
Bar.....each  
No. C-505-Y, Crystal Drawn  
Glass Bar.....each  
No. C-505-Y, Black Drawn Glass  
Bar.....each

No. C-525-Y  $\frac{7}{8}$ -Inch  
Diameter Towel Bars



Projection, 3 $\frac{5}{8}$  inches.  
Length.....inches 18 24 30  
No. C-525-Y, Chromium Metal  
Bar.....each  
No. C-525-Y, Crystal Glass  
Bar.....each  
No. C-525-Y, Black Glass Bar...each

No. C-540-Y Swing Towel Bars



Bars, 3 $\frac{3}{8}$ x12 $\frac{1}{4}$  inches.  
No. C-540-Y.....each

No. C-711-Y Metal Soap Holders



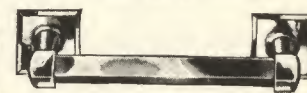
Size dish, 6x3 $\frac{1}{2}$ x1 inches.  
No. C-711-Y.....each

No. C-730-Y Metal Soap Holders  
and  $\frac{3}{4}$ -Inch Square Grab Bars



Soap holder at right, if speci-  
fied. Center to center posts, 9  
inches.  
No. C-730-Y.....each

No. C-512-Y  $\frac{3}{4}$ x9-Inch Square  
Metal Grab Bars



No. C-512-Y.....each

No. C-523-Y  $\frac{7}{8}$ x9-Inch Grab Bars



No. C-523-Y, Chromium  
Brass Bar.....each  
No. C-523-Y, Crystal  
Glass Bar.....each  
No. C-523-Y, Black Glass  
Bar.....each

No. C-859-Y Paper Holders



Center to center posts, 6 inches.  
No. C-859-Y, Wooden  
Roller.....each  
No. C-859-Y, Metal  
Roller.....each

#### Method of Installing Tyteset Accessories



Concealed  
Mounting  
Plate



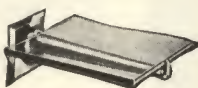
Wall  
Shield

Fasten concealed mounting  
plate to wall. Place wall shield  
over stud. Attach fixture to  
stud with concealed set screw,  
which draws 3 pieces together.

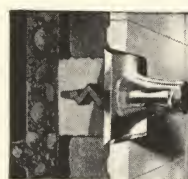


Set Screw

Spring Lip Shelf  
Bracket



Front spring lip  
sets against edge of  
glass shelf holding it  
rigidly in place under  
rear lip.



#### Anker-In (SA) Type Plate

##### Installing Directions

Cut hole in wall  $\frac{3}{4}$  inch diameter  
and 1 $\frac{1}{2}$  inches deep for short anchor  
plate, used on tile or marble walls;  
and 2 $\frac{1}{2}$  inches deep for long anchor  
plates used on cement, plaster or glass  
walls. Fill hole with plaster of paris,  
placing some on anchor, and insert  
with screw holes level horizontally.  
Hold until set—a few seconds.

Important: Fixtures should not be put on plates for at  
least one hour or preferably after room is decorated and  
ready for occupancy.

#### Styles



No. C-8-H Hexagon



No. C-8-T Round



No. C-8-M Manhattan



No. C-8-F Shield

Tyteset bathroom accessories can also be furnished in 4 other designs shown above.





### Columbia Chromium Frame Venetian Cabinets



Mirror is mounted in channel brass frame. Has finger clip to open door, concealed friction catch, removable door stop, removable doors. Floral designed mirror can be furnished.

Furnished standard with 1½ inch return flange.

Wall type can be furnished.

Shelves are adjustable every ¾ of an inch.

No.	Each	Overall Dimensions Inches	Wall Opening Required Inches	Mirror No. Inches	No. Shelves	Ship. Wt. Lbs.
01622CV	.....	16¼x22¼	14 x18 x3	16 x22	2	29
11724CV	.....	17½x24	14½x18½x3	17½x23¾	2	41
21926CV	.....	19½x26	16½x20½x3	19½x25¾	2	48
31928CV	.....	19½x28	16½x22½x3	19½x27¾	3	53
42130CV	.....	21½x30¼	19 x25 x3	21½x30	4	66

### Columbia Venetian Wall Type Cabinets

BVW denotes cabinets with black mirror frames. Mirror frames also procurable finished in white, orchid, or green at price of BVW styles.

CVW denotes cabinets with chromium-plated mirror frames.



No.	Each	Overall Dimen. In.	Mirror No. In	No. Shelves	Ship. Wt. Lbs.
*01218BVW	..	12¼x18¼	12x18	2	22
*01218CVW	..	12¼x18¼	12x18	2	22
*01420BVW	..	14¼x20¼	14x20	2	28
*01420CVW	..	14¼x20¼	14x20	2	28
†01622BVW	..	16¼x22¼	16x22	3	20
†01622CVW	..	16¼x22¼	16x20	3	20

\*Stationary steel shelves.

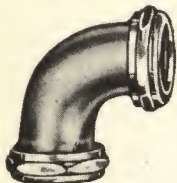
†Adjustable shelf brackets; bulb-edge glass shelves.

‡With crystal mirror.

§With plate glass mirror.

### No. 660 Slip Joint 90° Brass Elbows

With Slip Joint on Both Ends



Size.....inches	1¼	1⅜	1½	2
No. 660, N. P.	.....	.....	.....	.....
.....each	.....	.....	.....	.....
No. 660, C. P.	.....	.....	.....	.....
.....each	.....	.....	.....	.....

### No. 661 Slip Joint 45° Brass Elbows

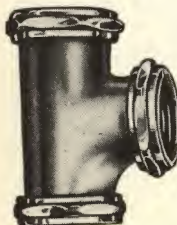
With Slip Joint on Both Ends



Size.....inches	1¼	1⅜	1½	2
No. 661, N. P.	.....	.....	.....	.....
.....each	.....	.....	.....	.....
No. 661, C. P.	.....	.....	.....	.....
.....each	.....	.....	.....	.....

### No. 665 Cast Brass Tees

Slip Joint All Ends



Size Inches	N.P. Each	C.P. Each
1¼x1¼x1¼	.....	.....
1⅜x1⅜x1⅜	.....	.....
1½x1½x1½	.....	.....
1½x1½x1½	.....	.....
2 x2 x2	.....	.....

### Hoegger Square Recess Bathroom Accessories

Drawn in one piece from .040 inch brass, chromium plated. Designed to be cemented in wall—no buck required.

Outside size, 7¼x7¼ inches. Leave exact opening, 6x6x2⅞ inches deep.



No. C-168-S

No. C-164-S

No. C-165-S

No. C-168-S, Tumbler Holder, without Tumbler...each .....

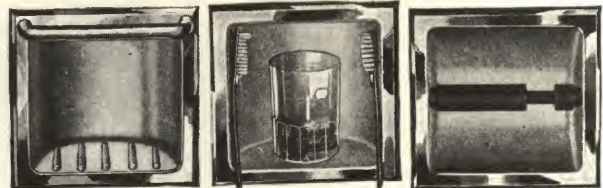
No. C-164-S, Soap Holder, with Crystal Dish...each .....

No. C-164-S, Soap Holder, with Black Dish...each .....

No. C-164-S, Soap Holder, with Metal Tray...each .....

No. C-165-S, Soap and Grab Bar, Projection, 2 In., with Crystal Dish...each .....

No. C-165-S, Soap and Grab Bar, Projection, 2 In., with Black Dish...each .....



No. C-166-S

No. C-169-S

No. C-162-S

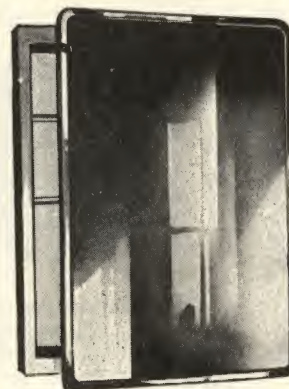
No. C-166-S, Soap and Grab Bar, Projection, 2 In. with Removable Metal Tray...each .....

No. C-169-S, Tumbler and Toothbrush Holder, without Tumbler...each .....

No. C-162-S, Paper Holder, with Wooden Roller...each .....

No. C-162-S, Paper Holder, with Metal Roller...each .....

### Hoegger Recess Medicine Cabinets



An 18-gage steel silver finish recess medicine cabinet.

Brass chrome-plated door, flush with wall.

No. 1 mirror.

Has fixed glass shelves.

Wall opening No. 13, 16½x22¼x4 inches; No. 8, 16½x30½x4 inches.

No.....	13	8
Each.....	.....	.....
Mirror...in.	18x24	18x32
No. Shelves.	2	3
Ship. Wt..lbs.	55	65

### Ground Joint Drain Connections

With Brass Ground Joint Ring

Male Iron Pipe Thread



No. 804

No.....	804	805	806	807
Each.....	.....	.....	.....	.....
I. P. Thread.....in.	1¼	1½	1½	1½
O.D. Slip.....in.	1¼	1¼	1⅝	1½

### Female Iron Pipe Thread

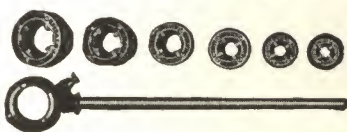
No.....	808	809	810	811
Each.....	.....	.....	.....	.....
I.P. Thread...in.	1¼	1½	1½	1½
O.D. Slip.....in.	1¼	1¼	1⅝	1½



No. 808



## No. 12 Toledo Ratchet Pipe Threading Devices



Die heads changed by pulling ratchet pawl knob.

Special dies can be furnished for threading electric conduit, brass, or copper pipe.

Complete tool consists of ratchet handle,  $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$  and 2-inch die heads with dies, packed in a strong carton.

No. 12, Complete, Shipping Weight 27 Pounds.	each	\$21.00
Ratchet Only	each	3.00
$\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ or $\frac{3}{4}$ -Inch Die Head with Dies	each	2.60
1 or $1\frac{1}{4}$ -Inch Die Head with Dies	each	3.00
$1\frac{1}{2}$ or 2-Inch Die Head with Dies	each	3.40
$\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ or $\frac{3}{4}$ -Inch Dies	per set	1.30
1 or $1\frac{1}{4}$ -Inch Dies	per set	1.63
$1\frac{1}{2}$ or 2-Inch Dies	per set	2.15

## Toledo 3-Way Pipe Threading Devices



A 3-way tool, light, small and easy to operate. It is made in two sizes, No. 30 and No. 31.

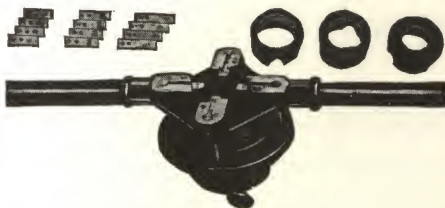
No. 30 threads  $\frac{3}{8}$ ,  $\frac{1}{2}$  and  $\frac{3}{4}$  inch and weighs  $4\frac{1}{2}$  pounds.

No. 31 threads  $\frac{1}{2}$ ,  $\frac{3}{4}$  and 1 inch and weighs  $7\frac{1}{4}$  pounds.

Each die head is on center thereby insuring a perfectly balanced tool. The dies are removable and can be reground when dull or replaced at a small expense.

No.	30	31
Shipping Weight	pounds	5 $\frac{3}{4}$ 8 $\frac{3}{4}$
Price, Complete	each	\$6.00 \$6.75
Price, $\frac{3}{8}$ -Inch Dies, per Set of 4 Segments		1.30
Price, $\frac{1}{2}$ , $\frac{3}{4}$ -Inch Dies, per Set of 4 Segments		1.30 1.30
Price, 1-Inch Dies, per Set of 4 Segments		.... 1.63

## No. 1 Toledo Adjustable Pipe Threading Devices



Threads 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$  and 2-inch pipe.

With this device one man can easily cut 2-inch threads.

Made both as a right-

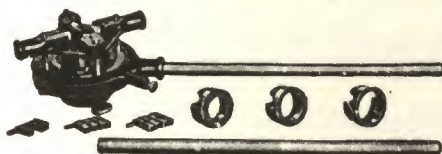
hand and a left-hand tool—neither will do both.

Right-hand is furnished unless otherwise specified.

Left-hand is slightly higher in price.

No. of Sets of Dies to Stock	4
No. 1, Complete	each \$9.00
1, $1\frac{1}{4}$ or $1\frac{1}{2}$ -Inch Dies, per Set of Four Segments	.... .75
2-Inch Dies, per Set of Four Segments	.... 1.25

## No. 1A Toledo Adjustable Ratchet Pipe Threading Devices



Threads 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ , and 2-inch pipe; equipped with a ratchet. The No. 1A may be used with two handles as an ordi-

nary die stock, or with one handle inserted in the ratchet case. It is desirable for threading pipe down a trench, or against walls, between rafters, etc.

Right-hand is furnished unless otherwise specified.

No. of Sets of Dies to Stock	4
No. 1A, Complete	each \$11.25
1, $1\frac{1}{4}$ , or $1\frac{1}{2}$ -Inch Dies, per Set of Four Segments	.... .75
2-Inch Dies, per Set of Four Segments	.... 1.25

## Toledo Adjustable Pipe Threading Devices

Capacity 1 to 2-Inch Pipe



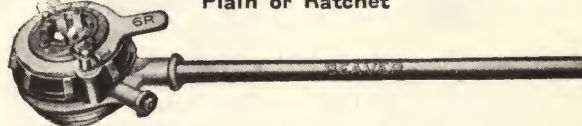
Excellent for brass and copper as well as iron or steel pipe because 3-jaw pipe holder will not mar polished pipe. Separate set of dies for each size pipe; 2 in. dies high speed steel.

Set consists of tool body, complete set of R.H. dies, 1 to 2 in., 1 handle, instruction card, packed in a carton.

No. 1B, Plain, Complete, Ship. Wt., 24 Lbs.	each	\$12.00
No. 1BR, Ratchet, Complete, Ship. Wt., 23 Lbs.	each	15.00
Complete Set of Right-Hand Dies	each	3.50
Set of 1, $1\frac{1}{4}$ or $1\frac{1}{2}$ -Inch Right-Hand Dies	each	.75
Set of 2-Inch Right-Hand Dies	each	1.25
Sgl. Set of 1, $1\frac{1}{4}$ or $1\frac{1}{2}$ -In. Dies for W.I. Pipe	each	1.00
Set of 2-Inch Dies for W.I. Pipe	each	1.50
Sgl. Set of 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ or 2-In. Brass Pipe Dies	each	1.00

## Beaverette Easy Working Die Stocks

$\frac{1}{4}$  to  $\frac{3}{4}$  Inch, Self-Contained, Fully Adjustable Plain or Ratchet



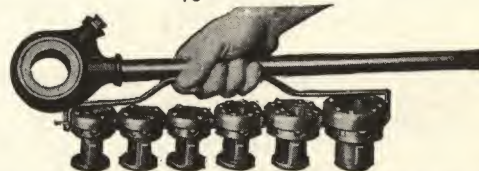
A self-contained die stock for steel, iron, brass or copper.

The two sets of dies required for this range, one set threading  $\frac{1}{4}$  and  $\frac{3}{8}$  inch, the other  $\frac{1}{2}$  and  $\frac{3}{4}$  inch, are always in the stock and are set to size by a single cam, or may be set to cut over or under standard size. A 3-jaw universal pipe guide eliminates loose bushings ( $\frac{1}{8}$ -inch dies extra). Improved locking device, now on top, more accessible.

No. 6, Plain, Complete	each	\$12.00
No. 6R, Ratchet, Complete	each	15.00
Extra Dies Only, $\frac{1}{8}$ , $\frac{1}{4}$ x $\frac{3}{8}$ , or $\frac{1}{2}$ x $\frac{3}{4}$ Inches, Right or Left, As Ordered	per set	2.25

## No. 3 Beaver Ratchet Die Stocks

$\frac{1}{8}$  to 1 Inch



Ratchet mechanism fully enclosed, no teeth on die head to become mutilated. Oil holes in die heads for easy oiling and chip clearance. Dies square in shape, no weak sections to break. Dies can be reversed for threading pipe end too short to pass through die head. Carrier pin. For iron, steel, brass or copper pipe. Right or left.

Specials: Bolt die heads  $\frac{1}{4}$  to 1 inch; straight thread conduit dies  $\frac{1}{2}$  to 1 inch;  $\frac{3}{4}$ -inch O.D. 20-thread brass pipe dies.

### No. 3 Complete

Size	in.	$\frac{1}{4}$ - $\frac{3}{4}$	$\frac{3}{8}$ -1	$\frac{1}{4}$ -1	$\frac{1}{8}$ -1
Each		\$12.75	13.50	15.75	18.00

### Ratchets Only

No. 3 Ratchet with Handle	each	\$3.00
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### Die Heads with Dies

Size	in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1
Each		\$2.25	2.25	2.25	2.63	2.63	3.00
20-Thread Brass Die Head	each	\$3.00					
Extra Dies, Any Size	per set	1.63					
Bolt Die Heads with Dies, Any Size, Right Hand, $\frac{1}{4}$ to 1 Inch	each	3.50					





# BRIDGE

# PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK

## Armstrong Adjustable Pipe Stocks and Dies



The Armstrong Adjustable Stock has standard marks to show the correct position for each threading size. Dies are quickly adjusted for variations in fittings.

The dies are Kalorized, making them strong and tough, but they slide smoothly and evenly around the pipe. All unnecessary pull disappears. Kalorized dies last longer and require less frequent sharpening.

Adjustable guide takes the place of ring bushings and is adjustable to all sizes of pipe each stock will take.

Oiling spaces are located for convenient access to spot where cooling oil is most needed.



LEADING THREADS IN THE THROAT

The throat of each die is tapered. In this throat are added leading threads which pull the dies on the pipe. The cutting edge of each die is ground to the easiest cutting angle. These dies start on easily, pull lightly and are truly free cutting; no wavy threads.

Each set is packed in a substantial carton.

For Threading Pipe Size, Inches	Set No. 1		Set No. 1 1/2		Set No. 2		Set No. 2 1/2		Set No. 3	
	With Ring Bushings Each	With Adjustable Guide Each	With Ring Bushings Each	With Adjustable Guide Each	With Ring Bushings Each	With Adjustable Guide Each	With Ring Bushings Each	With Adjustable Guide Each	With Ring Bushings Each	With Adjustable Guide Each
1/8, 1/4, 3/8, 1/2	\$9.00	\$10.80	\$9.00	\$10.80	\$12.00	\$14.00	\$14.00	\$16.50	\$18.00	\$21.00
Any One Size	6.30	7.70	6.30	7.70	14.00	16.00	14.00	16.50	21.00	24.00
1/2, 3/4	7.70	9.10	7.70	9.10	16.00	18.00	16.00	18.50	24.00	27.00
3/8, 1/2, 3/4	9.10	10.50	9.10	10.50	18.00	20.00	18.00	20.50	27.00	30.00
1/4, 3/8, 1/2, 3/4	10.50		10.50		20.00	22.00	20.00	22.50	30.00	33.00
1/8, 1/4, 3/8, 1/2, 3/4					22.00	24.00	22.00	24.50	33.00	36.00
1/4, 3/8, 1/2, 3/4, 1					24.00	26.00	24.00	26.50	36.00	39.00
1/8, 1/4, 3/8, 1/2, 3/4, 1					26.00	28.00	26.00	28.50	39.00	42.00
3/8, 1/2, 3/4, 1					28.00	30.00	28.00	30.50	42.00	45.00
1/2, 3/4, 1					30.00	32.00	30.00	32.50	45.00	48.00
1 1/2 x 3/4, 1 x 1 1/4					32.00	34.00	32.00	34.50	48.00	51.00
1 1/4, 3/8, 1/2 x 3/4, 1 x 1 1/4					34.00	36.00	34.00	36.50	51.00	54.00
1 1/2, 3/4, 1, 1 1/4, 1 1/2					36.00	38.00	36.00	38.50	54.00	57.00
1 1/4, 1 1/2, 2					38.00	40.00	38.00	40.50	57.00	60.00
1, 1 1/4, 1 1/2, 2					40.00	42.00	40.00	42.50	60.00	63.00
3/4, 1, 1 1/4, 1 1/2, 2					42.00	44.00	42.00	44.50	63.00	66.00
1 1/2, 3/4, 1, 1 1/4, 1 1/2, 2					44.00	46.00	44.00	46.50	66.00	69.00

\*No. 2 1/2 dies, 1/8-inch single end can be supplied if specified.  
X between two sizes indicates the dies are double-ended.  
Left-hand dies take twice the die list.

### Extra Stocks

No.	With Adjustable Guide, Screws, Wrench, and Handles			
	1	2	2 1/2	3
Complete.....	\$5.25	6.00	8.00	10.50

### Repair Parts for Armstrong Adjustable Stocks

For Stock No.	Collar Screw Each	Adjusting Screw Each	Bushing Screw Each	Handles per Set of 2	Wrench Each
1	\$3.25	\$2.25	\$2.20	\$2.20	\$2.20
1 1/2	3.40	.25	.20	.20	.20
2	4.00	.30	.25	.30	.25
2 1/2	5.25	.35	.35	.30	.25
3	7.00	.50	.40	.50	.30

## Armstrong Adjustable Bolt Stocks and Dies



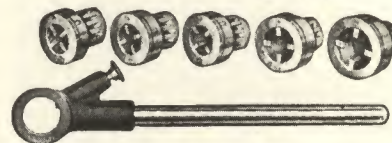
Right-hand U.S.S. thread dies shipped unless otherwise specified. Left-hand dies take twice the die list.

Set No.	Each	Extra Dies Each	For Threading Bolts and Rods Size, Inches	Wt. Lbs.
1	\$11.50	\$1.50	1/4, 5/16, 3/8, 7/16, 1/2	6 1/4
1	11.50	1.75	1/4, 5/16, 3/8, 7/16, 1/2	6 1/4
1	15.00	1.50	1/4, 5/16, 3/8, 7/16, 1/2	7
2	12.80	2.00	1/4, 5/16, 3/8, 7/16, 1/2	13
2	15.00	2.00	1/4, 5/16, 3/8, 7/16, 1/2	14
2	20.00	2.00	1/4, 5/16, 3/8, 7/16, 1/2	16
2	20.00	2.00	1/4, 5/16, 3/8, 7/16, 1/2	16
2	24.50	2.00	1/4, 5/16, 3/8, 7/16, 1/2	18 1/2
2	30.00	2.00	1/4, 5/16, 3/8, 7/16, 1/2	20
3	33.00	5.00	1/4, 5/16, 3/8, 7/16, 1/2	37
3	38.00	5.00	1/4, 5/16, 3/8, 7/16, 1/2	41
3	38.00	5.00	1/4, 5/16, 3/8, 7/16, 1/2	41
3	43.00	5.00	1/4, 5/16, 3/8, 7/16, 1/2	45
3	53.00	5.00	1/4, 5/16, 3/8, 7/16, 1/2	54

For No. 2 stocks, 9/16, 11/16, 13/16, and 15/16, U.S.S. dies can be supplied for \$2.00 per pair.

For No. 3 stocks, 11/16, 13/16, 15/16, 1 1/8, 1 1/4, U.S.S. dies can be supplied for \$5.00 per pair.

## No. 00 Toledo Ratchet Pipe Threading Devices

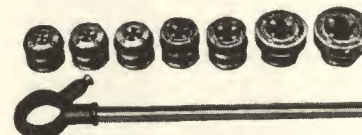


Die heads are changed by pulling ratchet pawl knob. Complete tool consists of ratchet handle, 1/8, 1/4, 3/8, 1/2 and 3/4-inch die heads with right hand dies; packed in a carton.

No. 00 Comp., 1/8 to 3/4" Incl., Ship. Wt. 10 lbs..each	\$12.35
Ratchet Only.....each	1.95
1/8, 1/4 or 3/8-Inch Die Head with Pipe Dies.....each	1.95
1/2 or 3/4-Inch Die Head with Pipe Dies.....each	2.28
Dies, per Set of 4 Segments.....each	1.30
5/16 to 3/8" Adjustable Bolt Die Heads with U.S.S. or S.A.E. Right Hand Bolt Dies.....each	3.35
3/8 to 1" Adjustable Bolt Die Heads with U.S.S. or S.A.E. Right Hand Bolt Dies.....each	3.50

## No. 11 Toledo Ratchet Pipe Threading Devices

Capacity 1/8 to 1 1/4-Inch Pipe



Complete tool consists of ratchet, r.h. die heads with dies in a carton.

Die heads instantly changed by pulling ratchet pawl

knob. Die segments can be removed and reground.

No. 11, Complete, 1/8 to 1 1/4-Inch Size.....each	\$12.00
No. 11, Complete, 1/8 to 1-Inch Size.....each	17.00
No. 11, Complete, 1/8 to 1 1/4-Inch Size.....each	19.50
Ratchet Only.....each	2.00
1/8, 1/4, 3/8, 1/2, 3/4, 1, 1 1/4-In. Die Head with Dies.....each	2.50
1/8, 1/4, 3/8, 1/2 or 3/4-In. Dies Only.....per set	1.30
1 or 1 1/4-Inch Dies Only.....per set	1.63
Die Heads, U.S.S. Bolt Dies 1/2 to 1-In.....each	5.00



## Saunders Type Pipe Cutters



Has one wheel and two rollers.

For use only where cutter can be revolved entirely around pipe.

No.	1S	2S	3S	4S	5S
Complete.....each	\$3.00	\$4.50	\$7.50	\$15.00	\$22.50
Wheels.....each	.50	.60	1.10	1.10	1.10
Rollers.....per doz.	2.88	3.84	6.00	6.00	7.20
Pins.....per doz.	1.20	1.20	1.80	1.80	1.80
Blocks and Wheels.....each	1.25	1.75	2.75	3.50	4.00
Cuts Pipe.....inches	1/8-1	1-2	2-3	2 1/2-4	4-6
Weight.....pounds	3	6 1/4	11 3/4	15	23

## Genuine Barnes 3-Wheel Pipe Cutters



Wheels are drop forged of tool steel and are the knife-blade smooth edge and knurled edge type.

Cutter Size No.	Cutter Each	Wheels Each	Wheel Pins per Doz.	Hooks Each	Slides Each	Handles Each	Size, Pipe Inches
1	\$4.50	\$.50	\$1.00	\$1.75	\$.75	\$1.00	1/8-1
2	6.00	.60	1.00	2.60	1.00	1.25	1/2-2
3	10.00	.80	1.00	4.55	2.00	2.25	1 1/2-3
4	20.00	1.00	2.00	9.50	4.50	4.50	2 1/2-4
5	30.00	1.10	2.00	13.75	7.00	7.00	4-6
6	40.00	1.10	2.00	20.00	8.50	9.25	6-8
6 1/2	45.00	1.10	2.00	23.00	9.50	10.25	8-10
7	50.00	1.10	2.00	25.00	11.25	11.50	9-12

Nuts for sizes Nos. 1 and 2, 25 cents. Other sizes, nut and hook are in 1 piece.

## Ridgid Pipe Cutters



The thin super-steel cutter blade gives clean cuts, practically without burr. Reinforced hub cast into blade does away with cutter blade assembly.

Cutter frame is guaranteed against breaking or warping. Special internal steel reinforcing. Cutter housing is constructed to protect the cutting blade.

Rollers are interchangeable with blade assembly to make a 3-wheel cutter. Pins are all interchangeable.

No.	1	2	3	4
Complete.....each	\$4.00	6.00	10.00	20.00
Cuts Pipe.....in.	1/8 to 1 1/4	1/8 to 2	1 to 3	2 to 4
Weight.....lbs.	5	6	12 1/2	15 3/4

## Repairs

New Heavy Duty Blade.....per dozen	\$7.20	\$7.20	\$14.40	\$14.40
Solid Hub Blade.....per dozen	6.00	6.00	12.00	12.00
Blades (Old Style).....per dozen	3.00	3.00	3.50	3.50
Cast Iron Wheel.....each	.40	.40	.80	.80
Sleeve and Nut.....each	.40	.40	.60	.60
Frame.....	2.25	2.50	3.25	6.00
Screw and Handle.....	1.25	1.60	3.00	4.00
Handle and Knob.....			2.00	3.50
Roll Housing.....	1.25	1.25	2.50	4.50
Cutter Roll.....	.30	.30	.60	.60
Pin and Clip.....	.20	.20	.30	.30
Wrench.....	.20	.20	.20	.20

## Nye Knife Blade Cutter Wheels



Made from high grade tool steel, hardened and tempered in oil. The blades are less than 1/8th of an inch thick and are straight from the hub to the cutting edge.

They cut with one-third the power and time required by the old type wheels.

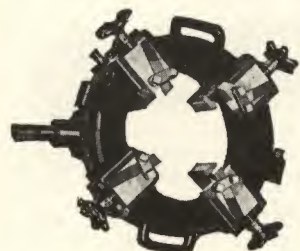
Made both knurled and smooth-edged; same price.

No.	Each	No.	Each	No.	Each	No.	Each
1 Barnes	\$.50	1 Saunders	\$.50	1 Nye	\$.70	1 1 & 2R	\$.60
2 Barnes	.60	2 Saunders	.60	2 Nye	.80	2 3 & 4R	.90
3 Barnes	.80	3 Saunders	1.10	*1A	.60	1 Nye Univ.	.50
4 Barnes	1.00	4 Saunders	1.10	*2A	.60	2 Nye Univ.	.60
5 & 6 Barnes	1.10	5 Saunders	1.10	*3A	.90	4 Nye Univ.	1.00

\*Made to fit Trimmo Type.

†Made to fit Rigid Type.

## Toledo Ratchet Geared Pipe Cutters



The Toledo Cutters are adapted for cutting off pipe from 2 1/2 to 12 inches in diameter.

The cutting is done by four knives which are fed by hand. Two of these knives are beveled across the edge and cut out a V-shaped section of the pipe; the other two knives are square and follow in the V-shaped cut

and sweep out the edges, thus eliminating any tendency the knives might have to bind in the cut.

It has been practically impossible to cut off extra heavy or double extra heavy pipe with any previously existing hand cutter. These conditions do not affect the working qualities of the Toledo Pipe Cutter in any respect; it merely takes a longer time to cut through the walls of the extra heavy pipe than it does to cut standard pipe.

The tool is fastened to the pipe by a four-jawed chuck, each jaw being actuated independently and containing a set of size marks so the tool can be centered on the pipe quickly.

The knives are straight segments of special steel and can be readily reground. They make a clean, sharp cut, and will cut off a section of pipe only 1/6 inch long if necessary from end of pipe.

The tool is driven by a pinion working on a bevel gear—the pinion being operated with a ratchet handle or the Toledo Power Drive.

Price is for complete cutter with ratchet handle.

No.	250	300	350	400
Each.....	\$80.00	105.00	130.00	150.00
Cutter Blades.....set of 4	3.20	3.20	3.20	3.20
Capacity Pipe.....in.	2 1/2 to 6	4 1/2 to 8	7 to 10	9 to 12
Shipping Weight.....lbs.	121	162	178	211

## Armstrong Tube Cutters



A 2-roller type supplied with knife blade cutter wheel and reamer; 2 rollers located at end eliminate friction. Tubing cannot be twisted nor marred

or torn when being cut between rollers and wheel.

Square end cut, ease of operation and long lasting, sharp wheels distinguish this tubing cutter.

		RANGE, IN.		O.D. Actual Range		Rolls per Doz.		EXTRA PARTS		Handle		Wt. Lbs.
No.	Each	Nominal Sizes						Roll Pins per Doz.	Reamer Each	Screw Each		
10	\$2.00	1/8 to 3/4	1/4 to 7/8			\$1.20	\$1.00					1/2
20	2.50	3/8 to 1 1/4	1/2 to 1 3/8			1.40	1.20					1
30	4.00	3/4 to 2	7/8 to 2 1/4			1.80	1.50					1 1/2

Same size wheel supplied for above tube cutters, 40 cents each. Wheel pin for above tube cutters, \$1.00 per dozen.





**BRIDGE**

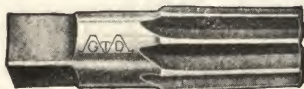
**PLUMBERS SUPPLY CO.**

**1139 SECOND AVENUE, NEW YORK**

### Taper Pipe Taps and Reamers



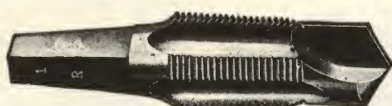
Pipe Tap



Pipe Reamer

Diameter.....inches	1/8	1/4	3/8	1/2	3/4
Price.....each	\$1.00	1.20	1.60	2.00	2.80
Diameter.....inches	1	1 1/4	1 1/2	2	....
Price.....each	\$4.40	5.00	6.60	10.00	....

### Combined Drill and Pipe Taps



Diameter...inches	1/2	3/4	1	1 1/4	1 1/2	2
Price.....each	\$3.75	5.00	6.25	7.50	9.25	12.00

### Toledo Ratchet Pipe Reamers

Capacity, 3/8 to 3 Inches Inclusive



The cutter blades of this reamer are cast solidly in the head. They cut freely, and being made of high speed steel will out-wear ordinary blades.

Can be readily resharpened, or when worn out, entire head can be replaced.

The handgrip is unique and so designed as to provide a natural position for holding the reamer.

The polished tubular handle is light in weight. The ratchet head is enclosed and unusually large in diameter, thereby assuring longer life to the ratchet parts.

Each.....\$5.60

### Mueller Pipe End Reamers



The ends of pipe must be reamed after cutting, if the full carrying capacity is to be retained.

The ratchet is so constructed that the strain is divided evenly, greatly increasing the durability of the tool.

Size Pipe Inches	Inside Diam. In.	Diam. Burr In.	Per Cent Loss of Area if Not Reamed	Size Pipe Inches	Inside Diam. In.	Diam. Burr In.	Per Cent Loss of Area if Not Reamed
3/8	1/2	3/8	43.8	1 1/4	1 3/8	1 9/32	13.2
1/2	5/8	3/4	31.2	1 1/2	1 39/64	1 31/64	15.0
3/4	53/64	45/64	28.0	2	2 1/16	1 61/64	7.01

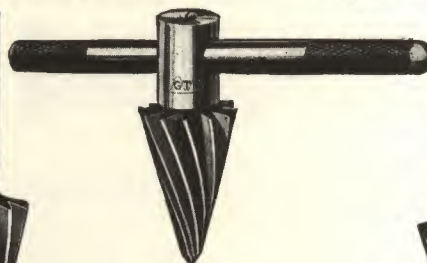
No. 10675, Large, Ratchet Pattern, Reams pipe 3/8 to 3 Inches.....each \$12.00

No. 10676, Small, Ratchet Pattern, Reams Pipe 3/8 to 1 1/4 Inches.....each 8.00

### G T D Spiral Fluted Burring Reamers



Nos. 232 to 234 Round Shank



Nos. 246 and 247 Tee Handle



Nos. 241 to 244 Bit Brace Shank

Made of high grade steel and designed for removing burrs caused by cutting pipe, and also for counter-sinking.

Ground to adapt them for use in a variety of materials. Spiral flute reduces chattering.

#### Carbon Steel

No.	Each	Style of Shank	Capacity Pipe Inches	DIAMETER, INCHES Point Large End	
232	\$1.25	1/2-Inch Round	1/8 to 1	3/16	1 1/4
233	1.50	1/2-Inch Round	1/4 to 1 1/4	1/4	1 15/32
234	3.00	1/2-Inch Round	1/4 to 2	1/4	2 17/64
241	1.00	Bit Brace	1/8 to 1/2	3/16	47/64
242	1.25	Bit Brace	1/8 to 1	3/16	1 1/4
242 1/2	1.50	Bit Brace	1/4 to 1 1/4	1/4	1 15/32
244	3.00	Bit Brace	1/4 to 2	1/4	2 17/64
246	4.00	T Handle	1/4 to 2	1/4	2 17/64
247	10.00	T Handle	1 1/2 to 3 1/2	1 39/64	3 3/8

#### High Speed Steel

6233	\$5.00	1/2-Inch Round	1/4 to 1 1/4	1/4	1 15/32
6234	10.00	1/2-Inch Round	1/4 to 2	1/4	2 17/64

### Serial Hand Taps



No. 1



No. 2



No. 3

Serial hand taps are furnished with shanks full size of thread from 1/4 to 3/8 inch inclusive and with shanks smaller than root diameter of thread on 1/16 inch and larger.

Sets of hand taps 1/4 to 1 1/2 inches in diameter of U.S. Standard Thread are carried in stock in the sizes shown in table. Designed especially to meet the demand for tapping deep holes in hard, tough materials, or where a high quality of threading is demanded. The work is distributed among the 3 taps and they work easily with less liability of breaking, and produce perfect threads

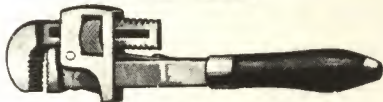
Diameter Tap Inches	No. OF THREADS TO IN.		Length Over All Inches	PRICE	
	STANDARD PITCHES	Whit.		Each	Per Set
1/4	20	20	2 1/4	\$ .45	\$1.35
5/16	18	18	2 3/32	.50	1.50
3/8	16	16	2 19/64	.55	1.65
7/16	14	14	3 3/32	.60	1.80
1/2	13	12	3 3/8	.70	2.10
9/16	12	12	3 19/64	.80	2.40
5/8	11	11	3 31/64	.90	2.70
3/4	10	10	4 1/4	1.20	3.60
7/8	9	9	4 11/16	1.60	4.80
1	8	8	5 1/8	2.00	6.00



### Stillson Pattern Pipe Wrenches



Steel Handle



Wood Handle

Steel handle wrenches are made in sizes 6 to 48 inches.

Wood handle wrenches are made in sizes 6 to 14 inches, inclusive.

Sizes 10 and 14-inch shipped with steel handles unless otherwise ordered.

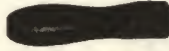
Length Open Inches	Takes Pipe Inches	PRICE, EACH			
		WRENCH Steel Handle	COMPLETE Wood Handle	EXTRA PARTS Bar with Springs	Jaws
6	1/8 to 1/2	\$1.90	\$2.00	\$1.00	\$ .65
8	1/8 to 3/4	2.20	2.30	1.15	.70
10	1/8 to 1	2.85	3.15	1.60	1.10
14	1/4 to 1 1/2	3.85	4.25	2.20	1.50
18	1/4 to 2	5.50	....	3.25	2.15
24	1/4 to 2 1/2	9.50	....	5.15	3.50
36	1/4 to 3 1/2	20.00	....	10.50	5.70
48	1 to 5	30.00	....	17.00	9.00



Jaw



Frame



Handle



Nut

For Wrench In.	EXTRA PARTS—PRICE, EACH							
	Frame and Pin	Frame Pin Only	Adjust- ing Nuts	Wood Handles, Ferrule	End Nuts	Front Springs Each	Back Springs Pair	Spring Pins or Rivets
6	\$ .45	\$ .03	\$ .15	\$ .23	\$ .15	\$ .10	....	\$ .01
8	.55	.03	.15	.25	.15	.10	....	.01
10	.70	.04	.20	.30	.20	.10	\$ .20	.02
14	.80	.04	.30	.36	.20	.10	.20	.02
18	.95	.04	.35	....	....	.10	.20	.02
24	1.75	.04	.55	....	....	.11	.22	.02
36	2.75	.05	1.10	....	....	.13	....	.02
48	3.50	.05	2.00	....	....	.13	....	.02

### "Trimo-Alloy" Pipe Wrenches



Made entirely of heat-treated chrome-molybdenum, manganese and nickel steel alloys. A written guarantee in the form of a tag wired to every wrench.

Length Open, In.	Takes Pipe, In.	With Steel Handle		Length Open, In.	Takes Pipe, In.	With Wood Handle	
		Each	Each			Each	Each
6	1/8 to 1/2	\$1.90	\$2.00	18	1/4 to 2	\$5.50	....
8	1/8 to 3/4	2.20	2.30	24	1/4 to 2 1/2	9.50	....
10	1/8 to 1	2.85	3.15	36	1/2 to 3 1/2	20.00	....
12	1/8 to 1 1/4	3.35	3.60	48	1 to 5	30.00	....
14	1/4 to 1 1/2	3.85	4.25	....	....	....	....

#### Extra Parts



Jaw



Inserted Jaw



Frame



Nut



Nut with  
Guard  
Inserted

For Wrench In.	Mov- able Jaw	Nuts	EACH							
			Insert Jaws and Pins	Frames and Pins	Springs and Pins	Extra Frame Pins	Extra Jaw Pins	Wood Han- dles	Nut with Guards	
6	\$ .65	\$ .15	\$ .50	\$ .45	\$ .03	\$ .03	\$ .03	\$1.00	\$ .23	\$ .15
8	.70	.15	.55	.55	.03	.03	.03	1.15	.25	.15
10	1.10	.20	.65	.70	.03	.04	.04	1.60	.30	.20
12	1.25	.25	.75	.75	.03	.04	.04	1.80	.35	.30
14	1.50	.30	.85	.80	.03	.04	.04	2.20	.36	.30
18	2.15	.35	.95	.95	.04	.04	.04	3.25	....	.35
24	3.50	.55	1.10	1.75	.04	.04	.04	5.15	....	.45
36	5.70	1.10	1.50	2.75	.04	.05	.05	10.50	....	.55
48	9.00	2.00	2.00	3.50	.04	.05	.05	17.00	....	.65

### Ridgid Straight Pattern Pipe Wrenches



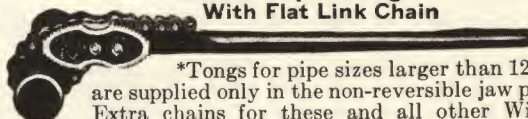
Jaws are of chrome molybdenum steel.

Housing and I-beam handle are of double strength alloy metal. Housing unconditionally guaranteed against warping. Adjusting nut turns easily in open housing. This feature allows a full finger and thumb grip on nut.

Packed 6 in a box, 6 to 24-inch inclusive.

Size In.	Each	Cap. In.	Wt. Lbs.	Size In.	Each	Cap. In.	Wt. Lbs.
6	\$1.90	3/4	1 1/2	18	\$5.50	2 1/2	5 1/8
8	2.20	1	3/4	24	9.50	3	8 1/2
10	2.85	1 1/2	1 3/4	36	20.00	4 1/2	16 3/4
12	3.35	2	2 1/8	48	30.00	6	28
14	3.85	2	3/4	60	45.00	8	44

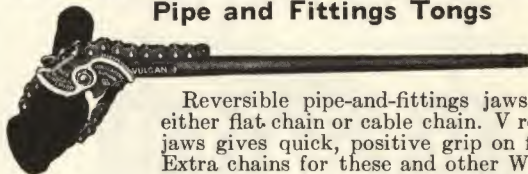
### Williams' Improved Vulcan Drop-Forged Chain Pipe Tongs With Flat Link Chain



\*Tongs for pipe sizes larger than 12 inches are supplied only in the non-reversible jaw pattern. Extra chains for these and all other Williams' tongs are interchangeable size for size.

No.	Complete Each	Extra Chains Each	Extra Jaws per Pair	Extra Nuts & Studs per Set	Capacity Pipe Inches	Lgth. In.	Wt. Lbs.
30	\$5.00	\$1.50	\$2.00	\$ .40	1/8 to 3/4	13 3/4	2
31	7.00	2.00	3.50	.50	1/8 to 1 1/2	20	5 3/4
32	10.00	3.00	5.50	.70	1/4 to 2 1/2	27	10
33	14.00	5.00	8.00	.90	3/4 to 4	37	17
33 1/2	18.00	7.00	9.50	1.10	1 to 6	44 1/2	24
34	22.00	9.00	11.00	1.40	1 1/2 to 8	50 1/2	31
35	36.00	15.00	15.00	1.80	2 to 12	64 1/2	52
*15 1/2	60.00	30.00	24.00	....	4 to 16	85	98
*16	80.00	40.00	32.00	....	4 to 18	87	137

### Williams' "Vulcan Superior" Drop-Forged Pipe and Fittings Tongs



Reversible pipe-and-fittings jaws. Take either flat chain or cable chain. V recess in jaws gives quick, positive grip on fittings. Extra chains for these and other Williams' tongs are interchangeable, size for size.

No.	Complete Each	Extra Chain Each	Extra Jaws *per Pr.	Extra Bolt and Nut	Capacity Fittings In.	Extreme Lgth. In.	Wt. Lbs.
0	\$5.00	\$1.50	\$2.00	\$ .28	1/8-3/4	13 3/4	2
1	7.00	2.00	3.50	.36	1/8-1 1/2	20	5 1/2
2	10.00	3.00	5.50	.46	1/4-2 1/2	27	10
3	14.00	5.00	8.00	.60	3/4-4	37	17
3 1/2	18.00	7.00	9.50	.70	1-6	44 1/2	26
4	22.00	9.00	11.00	.90	1 1/2-8	50 1/2	34
5	36.00	15.00	15.00	1.30	2-12	64 1/2	54

\*If only a single jaw is wanted, specify right or left.

### No. 92 Coes Knife-Handle Wrenches



The handle is a cast semi-steel frame with hard-wood handles.

Length...inches	6	8	10	12	15	18	21
Per Dozen....	\$15.00	18.00	22.00	28.00	38.00	48.00	58.00
Opens...inches	7/8	1 1/4	1 3/4	2 1/4	2 5/8	3	4

### No. 91 Coes Steel Handle Wrenches

The handle is a semi-steel casting of patented design.



Length...inches	6	8	10	12	15	18	21
Opens...inches	7/8	1 1/4	1 3/4	2 1/4	2 5/8	3	4
Per dozen....	\$15.00	18.00	22.00	28.00	38.00	48.00	58.00

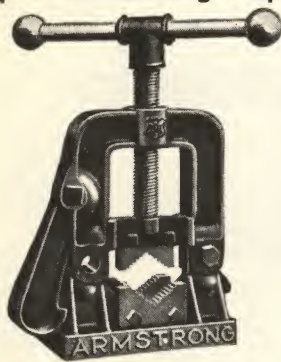




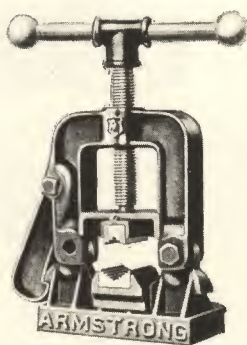
**BRIDGE**

**PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK**

### Armstrong Improved Pipe Vises



3-Jaw Type



Broad Jaw Type

#### 3-Jaw Type

Built for the heaviest duty. The I-beam structure throughout provides maximum strength without burdensome weight. Interlocking slide holds upper jaw in place.

Has 4 full length bearings; slides smoothly and evenly up and down on the outside of the vise frame.

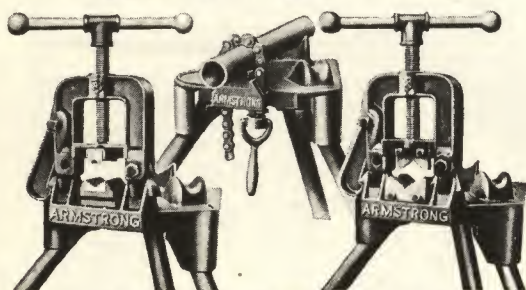
No.	Complete Each	Jaws per Set	Hook Each	Top Each	Base Each	Screw Each	Slide Each	Holds Pipe In.	Wt. Lbs.
131	\$2.50	\$1.20	\$.25	\$.60	\$.95	\$.70	\$.35	1/8-1 1/4	3
132	4.25	1.80	.30	1.00	1.60	1.20	.40	1/8-2	7
133	5.00	1.80	.35	1.20	1.90	1.40	.50	1/8-2 1/2	11 1/4
134	7.50	2.55	.50	1.80	2.80	2.20	.60	1/8-3 1/2	15 3/4
135	11.00	3.60	.75	2.65	4.20	3.00	.80	1/8-4 1/2	28 1/4
136	23.50	3.60	1.60	5.75	9.00	6.60	1.50	1/8-6	35 1/2

#### Broad Jaw Type

Broad jaws grip the pipe along their entire length.

No.	Complete Each	Upper Jaw Each	Lower Jaw Each	Slide Each	Holds Pipe In.	Wt. Lbs.
131B	\$2.50	\$.50	\$.80	\$.50	1/8-1 1/4	3 3/8
132B	4.25	.75	1.25	.75	1/8-2	8 1/2
133B	5.00	.75	1.25	.90	1/8-2 1/2	12 1/4

### Armstrong Integral Vistands



No. 833B

No. 833C

No. 833

No. 833 has 3-jaw vise.

No. 833B has broad jaw vise.

No. 833C has chain vise.

Pipe bender is in front and takes pipe up to 3/4 inch. Base of stand is of malleable iron, heavily ribbed under aprons to prevent spreading. Iron pipe holding legs with chain lock up-set at bottom and punched for securing stand to floor when desired. Vise is of I-beam construction throughout.

Equipped with stand, vise, pipe bender, pipe rest, oil can recess, and slots for wrench, cutter, and stocks.

No.	833	833B	833C
Each	\$15.50	16.00	15.50
Holds Pipe.....in.	1/8 to 2 1/2	1/8 to 2 1/2	1/8 to 2
Weight.....lbs.	42	43	36

#### Parts

No.	833	833B	833C
Upper Jaw.....each	\$.60	\$.75	.....
Lower Jaw.....each	.60	1.25	\$1.60
Slide.....each	.50	.90	.....
Jaws.....per pair	.....	.....	3.00
Chain and Screw.....each	.....	.....	2.50
Screw.....each	.....	.....	.80
Handle and Nut.....each	.....	.....	2.20
Nut Only.....each	.....	.....	1.40

### Reed Long Jaw Pipe Vises



The long jaws eliminate the tendency to mar, end or crush any kind of pipe. The lower jaws are reversible, doubling their period of efficient service.

Equipped with positive devices for taking up wear. Has strong and convenient pipe bender.

No.	Each	Jaws (3) per Set	Holds Pipe Inches	Weight Pounds
0	\$4.25	\$1.80	1/8 to 2	8
1	5.00	1.80	1/8 to 2 1/2	11
2	7.50	2.55	1/8 to 3 1/2	18
3	11.00	3.60	1/8 to 4 1/2	27

#### Standard V-Jaw Type Vises

No.	Each	Jaws (3) per Set	Holds Pipe Inches	Weight Pounds
7000	\$2.50	\$1.20	1/8 to 1 1/4	3
700	3.60	1.50	1/8 to 1 1/2	5
73	11.00	3.60	1/8 to 4 1/2	25

### Williams' Vulcan Drop-Forged Chain Pipe Vises



Unbreakable, compact, rapid in action and positive in grip.

Made entirely of wrought steel with drop-forged jaws, base and handle. Jaws are saw tempered for file sharpening.

Serviceable upon and suitable for fastening to bench or post.

Standard finish, jaws have bright face around panel.

No.	Complete Each	Jaws per Pr.	Chain with Screw Each	Screw Each	Handle with Nut Each	Nut Each	Cap. Pipe In.	Approx. Size In.	Approx. Wt. Lbs.
1	\$7.00	\$3.00	\$2.50	\$.80	\$2.20	\$1.40	1/8-2	4x 5x 6	4
2	15.00	7.00	4.80	1.40	4.20	2.70	1/4-4	6x 8x 8	10
3	27.00	12.00	9.00	2.50	7.00	4.00	1/2-6	8x 9x11	18
4	36.00	18.00	12.00	2.50	7.00	4.00	1/2-8	8x10x12	30

### Reed Combination Pipe Vises

#### Swivel Base

Designed for severe service.

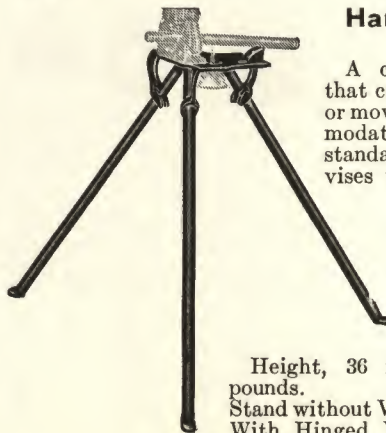
Pipe jaws, milled from solid tool steel bars, tempered in oil, do not extend beyond vise jaws and will not interfere when vise is used as a machinist's vise.



No.	1C	2C	3C	4C
Vises.....each	\$17.50	\$24.00	\$38.00	\$60.00
Jaws (2) per set	2.70	3.60	6.00	9.00
Holds Pipe.....in.	1/8 to 2 1/2	1/8 to 3 1/2	1/8 to 4 1/2	1/8 to 6
Width Jaw.....in.	3 1/2	4 1/2	5	6
Weight.....lbs.	54	75	120	185

### Handy Andy Vise Stands

A compact, rigid stand that can be instantly placed or moved. Made to accommodate without drilling all standard hinged or chain vises up to 2 1/2-inch capacity, also for bending pipe. Legs automatically lock when in use and fold together when carried from place to place. No separate parts.

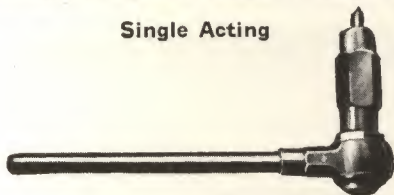


Height, 36 inches. Weight, 32 pounds.  
Stand without Vise.....each \$18.00  
With Hinged Vise.....each 23.00



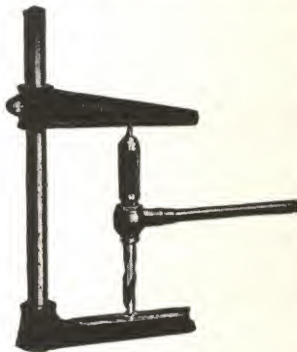
## Monarch Square Sleeve Ratchets

Single Acting



No.	Each	Length Handle In.	Socket Will Take Drills	Height Head In.	Length Feed In.	Wt. Lbs.
10	\$5.00	10	{ No. 1 Standard Square Taper 5/8x3/8x1 1/2 In.	5 5/16	1 3/4	3 5/8
20	5.50	12		7 3/16	2 3/4	6 3/4
30	6.00	15		7 7/16	2 3/4	7 3/4
40	7.50	18	{ No. 2 Standard Square Taper 3/4x1 1/2x1 3/4 In.	8 3/8	2 3/4	13
60	9.00	24		8 3/8	2 3/4	14 1/2

## Keystone Drilling Post or Old Man



Foot and arm made of the best quality malleable iron, and post of solid steel. Top and bottom planed true and slotted for bolting down.

No.	Height Post In.	Radius Arm In.	Weight Pounds	Price Each Complete
0	16	8	11	\$6.00
1	20	10	18	8.00
2	26	12	31	10.00

No.	PRICE, EACH		
	Arm	Foot	Post
0	\$2.25	\$3.00	\$1.00
1	2.75	4.00	1.50
2	3.50	4.75	2.00

## Walworth Parmelee Pipe Wrenches



No. 4

Grips with equal pressure all around the pipe, which prevents crushing.

No.	Lgth. In.	Takes Pipe In.	Complete Each	Without Girths Each	EXTRA GIRTHS Size In. Each	
1	10	3/8 to 1	\$8.50	\$2.75	3/8-1/2-3/4-1	\$1.75
2	20	1 to 2	15.00	6.00	1-1 1/4-1 1/2-2	2.50
3	20	2 to 3	17.00	7.00	2-2 1/2-3	3.00
4	37	3 and 4	52.00	21.00	3 and 4	17.00

## Warnock Triple Wear Strap Wrenches



For brass and nickel-plated pipe.

Has flexible woven strap which is the only contact with the pipe. Tensile strength of strap is 2000 pounds.

Curved nose will not crush the pipe. When free from strain, swinging shackle gives double opening, making Warnock the quick strap wrench.

A strongly made, practical wrench; will last indefinitely.

Length.....	inches	12	18
Pipe Complete.....	each	\$2.50	\$5.00
Extra Straps.....	each	.50	1.00
Takes Pipe.....	inches	1/8 to 2	1 to 5

## No. 5 Misener Rotary Hack Saws

Type B with Bit Brace Shank—Type P with Round Shank

Cuts pipe tap sizes and the openings made are just right for starting a tap without reaming. Used when tapping out tanks, radiator sections, soil pipe and wherever pipe connections are necessary.

No. 5 cuts 4 pipe tap sizes, 1, 1 1/4, 1 1/2 and 2 inches; No. 5X cuts 5 pipe tap sizes, 3/4, 1, 1 1/4, 1 1/2 and 2 inches.

Weight, 1 1/2 pounds each.

No.....	5	5X
With 2 Sets 1-In. Depth		
Blades.....each	\$8.00	9.00

### Extra Parts

Bit Brace Shanks.....	each	\$ .75
Round Straight Power Shanks.ea.		.75
Morse Taper Power Shanks..each		1.00
Blades, 1-Inch Deep, Any Size.ea.		.35



## Type P Misener Single Cut Rotary Hack Saws



Cuts clean, finished round holes in steel, sheet metals, cast iron, slate, wood, plaster, bakelite and any other material that a hacksaw will cut.

With straight shank to be driven by electric drill.

All tools are equipped with semi-high speed blades 1-inch in depth. Blades are available in depths ranging from 1 to 2 3/4 inches.

Cuts made are 1/4 inch less in depth as 1/4 inch is taken up by the body of the tool.

Coarse tooth blades for wood when specified.

Size Inches	Pipe Tap Size Inches	Each	Size Inches	Pipe Tap Size Inches	Each
3/4	1/2	\$1.45	2 1/8	...	\$2.25
7/8	3/4	1.50	2 1/4	2	2.25
1	...	1.55	2 3/8	...	2.25
1 1/8	1	1.55	2 1/2	...	2.50
1 1/4	...	1.65	2 5/8	2 1/2	2.50
1 5/16	...	1.65	2 3/4	...	2.50
1 3/8	...	1.65	2 7/8	...	2.50
1 1/2	1 1/4	1.65	3	...	2.50
1 5/8	...	1.65	3 1/8	...	2.50
1 3/4	1 1/2	1.75	3 1/4	3	2.50
1 7/8	...	2.00	3 3/8	...	2.50
2	...	2.00	3 1/2	...	2.50

### Replacement Blades and Extra Parts

Replacement Blades for Sizes 3/4 to 1 1/2 In.....	each	\$ .35
Replacement Blades for Sizes 1 3/8 to 2 1/4 In.....	each	.35
Replacement Blades for Sizes 2 3/8 to 2 7/8 In.....	each	.45
Replacement Blades for Sizes 3 to 3 1/2 In.....	each	.55
No. 101 Bit Brace Shanks for 3/4 to 3 1/2-In. Tools..	each	.75
No. 103, 3/8-In. Round Straight Power Shanks for 3/4 to 3 1/2-Inch Tools.....	each	.75

Can also be furnished in Type B to be used with bit brace, in same sizes and prices.

## Star All Hard Hand Hack Saw Blades



The 18-tooth blade is the one recommended for all ordinary work, and is the size furnished unless otherwise specified.

The 14-tooth blade is for large solid stock.

The 24 and 32-tooth blades are for cutting extra fine stock.

BLADE NO.				Per Gross	Size Inches	Gage No.	Wt. Lbs. Gross
14	18	24	32				
818	824	832		\$8.00	8x7/16x.025	23	3 3/4
1014	1018	1024	1032	10.00	10x1/2x.025	23	4 3/4
1214	1218	1224	1232	12.00	12x1/2x.025	23	5 3/4
1214X	1218X	1224X		13.50	12x3/16x.025	23	6 3/4





**BRIDGE**

**PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK**

### No. 3 Wiedeke Standard Roller Tube Expanders

For Hand Use

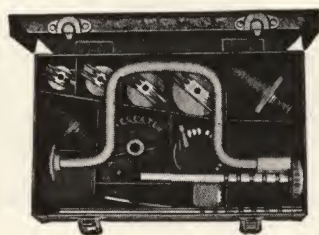
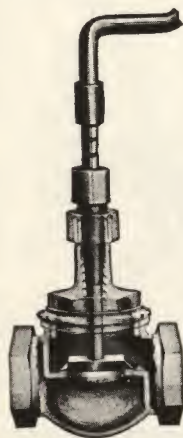


This expander, for hand use only, is designed for those having only an occasional use for an expander. The mandrel and rolls are made of tool steel and hardened. The frame and rear collar is one piece furnishing a substantial bearing at all times for the guard, which can be removed if necessary. No separate collar or locking pin required, these generally becoming loose from service and throwing expander out of commission.

Tables show smallest inside diameter any expander passes into and what it will expand to, enabling one to select an expander with proper range.

Size of Expander for O.D. Tubes, in.	Enters I.D. Tubes and Expands to Inches	Approx. Ship. Wt., Lbs.	Expander Complete Each	Extra Mandrels Each	Extra Rolls Each
1	$\frac{25}{32}$ to $\frac{29}{32}$	2	\$10.00	\$2.00	\$.20
$1\frac{1}{4}$	1 to $1\frac{1}{2}$	2	10.00	2.00	.20
$1\frac{1}{2}$	$1\frac{1}{2}$ to $1\frac{5}{8}$	2	10.00	2.00	.20
$1\frac{3}{4}$	$1\frac{1}{2}$ to $1\frac{3}{4}$	4	10.00	2.00	.20
2	$1\frac{3}{4}$ to 2	6	10.00	2.00	.20
$2\frac{1}{4}$	$1\frac{1}{2}$ to $2\frac{1}{4}$	6	12.00	2.00	.20
$2\frac{1}{2}$	$2\frac{1}{2}$ to $2\frac{1}{2}$	8	14.00	2.50	.20
$2\frac{3}{4}$	$2\frac{1}{2}$ to $2\frac{3}{4}$	9	16.00	3.25	.35
3	$2\frac{5}{8}$ to 3	11	18.00	3.75	.35
$3\frac{1}{4}$	$2\frac{7}{8}$ to $3\frac{1}{4}$	14	20.00	4.25	.50
$3\frac{1}{2}$	$3\frac{1}{8}$ to $3\frac{1}{2}$	16	23.00	4.75	.50
4	$3\frac{1}{8}$ to 4	21	27.00	5.75	.60

### Skinner Valve and Bibb Reseating Tools



Reseats all flat and taper seat globe valves, bibbs, faucets, wall shower fixtures, ball cocks and other plumbing fixtures, in place, quickly and accurately.

With its guaranteed Skinner cutters, operating under screw feed, it leaves the worn old seat glass-smooth, level, absolutely accurate and tight.

It is a real precision tool. Perfect alignment on all sizes, all jobs.

The valve or bibb stays in the line during reseating.

For  $\frac{1}{4}$  to 2-Inch Valves and  $\frac{1}{4}$  to  $\frac{3}{4}$ -inch Bibbs,  
Weight, 6 Pounds.....each **\$20.00**  
For  $\frac{1}{4}$  to 3-Inch Valves and  $\frac{1}{4}$  to  $\frac{3}{4}$ -inch Bibbs,  
Weight, 12 Pounds.....each **30.00**

### Cold Chisels



Size.....inches  $\frac{3}{4} \times 7$   
Per Dozen.....**\$7.20**

### Round Nose Chisels



Size.....inches  $\frac{3}{4} \times 7$   
Per Dozen.....**\$8.64**

### Wood Chisels



Size Blade.....inches  $1\frac{1}{4}$   $1\frac{1}{2}$   
Per Dozen.....**\$9.75** **12.00**

### Picking Chisels



Size.....inches  $\frac{3}{4}$   
Per Dozen.....**\$8.64**

### Regular Caulking Tools



Size.....inches  $\frac{3}{4}$   
Per Dozen.....**\$6.00**

### Diamond Point Chisels



Size.....inches  $\frac{3}{4} \times 7$   
Per Dozen.....**\$8.64**

### Cape Chisels



Size.....inches  $\frac{3}{4} \times 7$   
Per Dozen.....**\$8.64**

### Spring Packing Chisels



Size.....inches 15  
Per Dozen.....**\$9.00**

### Yarning Tools



Size.....inches 4  
Per Dozen.....**\$5.40**

### Offset Caulking Tools

Right and Left



Size.....inches  $\frac{3}{4}$   
Per Dozen.....**\$7.50**



### GRATE FOR CHARCOAL FURNACE



Fig. 556

Made in the following sizes:  
7½", 8", 8½", 9", 9½", 10", 12"

### BRASS GASOLINE TORCH WITH SOLDERING REST

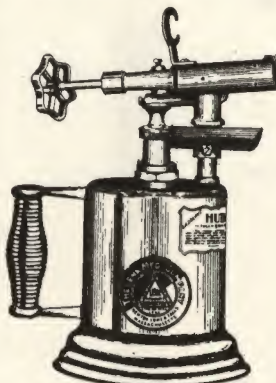


Fig. 557

Quart Size Fully Guaranteed

### BURNER COMPLETE FOR TORCH

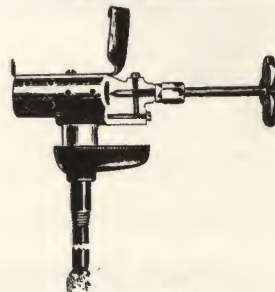


Fig. 558

Preheating Chamber Construction shown in cut.  
Will make any old torch as good as new.

### CHARCOAL FURNACE

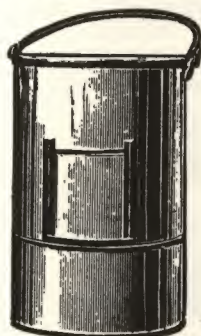


Fig. 559

Made of 26 Gauge Black or Galvanized sheet iron  
Takes 8½" Grate

### GASOLINE FURNACES



Fig. 560

**BULB TYPE**  
Extra Heavy Parts. Gal. Steel Tank. Funnel Filling Screw Spud. Large Hood for 6 inch Solder Pot. Heavy Top Plate. Brass Elbow. Red Rubber Furnace Bulb on Bulb Type.

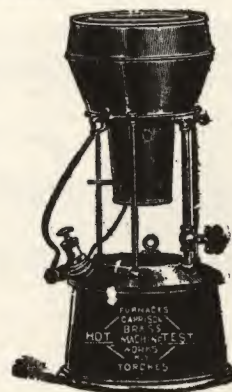


Fig. 561

**PUMP TYPE**



Fig. 562

	List Price
Burner Pin.....	\$ .35
Upright .....	.30
Coil .....	1.50
Coil Cup .....	1.00
Ell .....	.35
Filling Screw....	1.80
Handle Ear.....	.30

	List Price
Handle .....	\$1.00
Top Plate.....	.80
Gas Valve.....	1.50
Air Cock.....	1.25
Reservoir .....	6.00
Shield .....	2.00



**BRIDGE****PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK****BUZZLE BASIN WRENCH**

Fig. 588

For tightening nuts under slabs and other close places, will take nuts from  $\frac{1}{2}$ " to  $1\frac{1}{2}$ " diameter.

**EXTENSION HACK SAW FRAME**

Fig. 590

Takes blades from 8 to 12 inches inclusive. Made of cold drawn steel and heavily nickel plated.

**No. 144 Starrett Hack Saw Frames**

Frame is nickel-plated and has a dull finish.

Well made, with improved adjustable back, and will take in 8 to 12-inch saws which may be set in any one of four directions.

Price, No. 144, with One Blade . . . . . each \$1.00

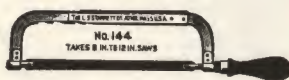
**CLOSET SPUD WRENCH**

Fig. 593

Made of a malleable iron

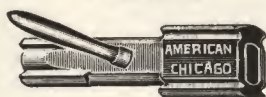
**HOLDING INNER CLOSET SPUD WRENCH**

Fig. 595

For holding lugged inner closet spuds, this tool is exceptionally practical. Made of unbreakable certified malleable iron. Note the removable handle.

List Price . . . . . \$1.50

**PIPE SWEDGING TOOLS**

Fig. 597

— $1\frac{1}{4}$ " 1"  $1\frac{1}{2}$ " Combination . . . . . List \$1.80 Each  
—2 inches only . . . . . List 1.20 Each

For expanding brass tubing, in making extensions.



Fig. 598

**ANDREE BASIN WRENCH**

Fig. 589

For tightening nuts in close places, supplied with large jaws for basin nuts. Can also be supplied with both large and small jaws.

**ADJUSTABLE PISTOL GRIP HACK SAW FRAME**

Fig. 591

With Pistol Grip Wood Handle  
With Pistol Grip Metal Handle

Takes blades from 8 to 12 inches inclusive. Made of high grade cold drawn steel and heavily nickel plated.

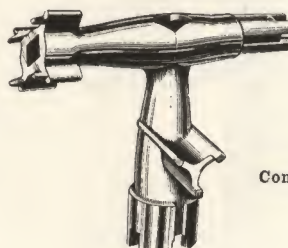
**COMBINATION KEY WRENCHES**

Fig. 587

Combined Uses of Key and Wrench

$1\frac{1}{4}$ " Closet Bowls  
2" Closet Bowls  
1",  $1\frac{1}{4}$ " Rad. Valves  
Gas Service Cocks  
Pop Up Basins, etc.

**UNION VALVE, NIPPLE OR SPUD WRENCH**

Fig. 594

Made of tough material. A very serviceable tool.

**STRAP WRENCH FOR NICKEL PLATED PIPE**

Fig. 596

12" takes in pipe from  $\frac{1}{4}$ " to 2"  
18" takes in pipe from 1" to 5".  
Straps only made of linen can be supplied separate.

**P. O. PLUG STRAINER WRENCH**

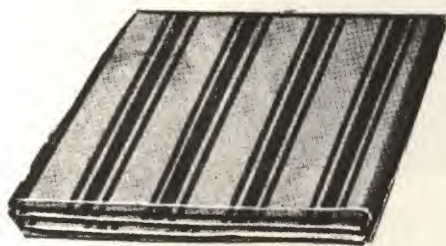
Fig. 599

B R I D G E P L U M B E R S S U P P L Y C O .



## Lead Working Tools

### CLOTHS



EXTRA QUALITY HERRING-BONE  
Fig. 543

#### Herringbone 12 PLY

Size	Dim.
A—1½ x2½	inch
B—1¾ x3	inch
C—2 x2½	inch
D—2 x3	inch
E—2½ x2½	inch
F—2½ x3	inch
G—3 x3	inch
H—3x3½	inch
J—3½ x3½	inch
K—3½ x4	inch
L—4 x4	inch
M—4 x5	inch
N—5 x5	inch
O—4 x8	inch
P—6 x6	inch

#### Herringbone 16 PLY

Size	Dim.
A—2½ x3	inch
B—3 x3	inch
C—3x3½	inch
D—3½ x3½	inch
English Moleskin	
Size	Dim.
A—2 x2	inch
B—2½ x2½	inch
C—3 x3	inch
D—4 x4	inch

## Malleable Iron Ladles



No. 449		
Diameter Inches	Length Inches	Capacity Pounds
2½	13	1
3	13	1½
3½	15½	2½
4	16	3½
5	19	7
6	21	12

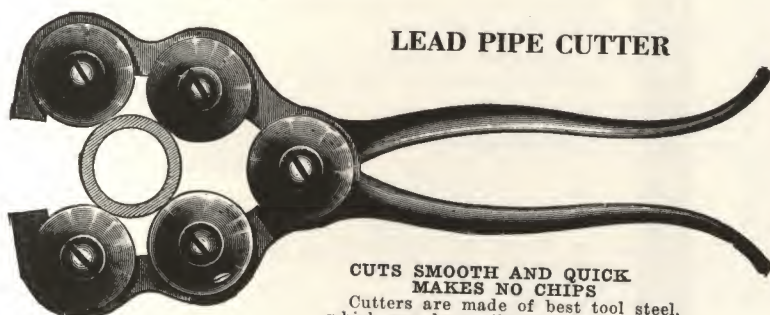


Fig. 545

## LEAD PIPE CUTTER

**CUTS SMOOTH AND QUICK  
MAKES NO CHIPS**

Cutters are made of best tool steel,  
which can be easily sharpened on an  
oil stone.



Fig. 547

## SAND PLUGS



Fig. 548  
Sizes: 1 inch, 1¼ inch, 1½ inch, 2 inch

## DRIFT PLUGS

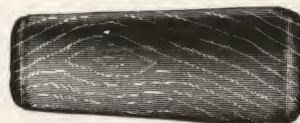


Fig. 549  
Sizes: 1"-1¼"-1½"-2"



Fig. 546

**MADE OF LIGNUM VITAE  
THE HARDEST WOOD**

Dimensions: 13¼" overall 8" face 1½" wide

## Plumbers' Candles



Per pound.....  
20-Pound Boxes.....each.....  
50-Pound Boxes.....each.....

## "SUPERIOR" ASBESTOS LEAD JOINT RUNNER



Fig. 555  
**SQUARE STYLE**

Made with Asbestos Core covered with two Braided Jackets,  
Clamp is made of certified Malleable Steel.

### CLAMPS MAY BE PURCHASED SEPARATE

No. 1.	Takes to 4"	Pipe.....	List 1.95
No. 2.	Takes to 6"	Pipe.....	List 2.10
No. 3.	Takes to 10"	Pipe.....	List 3.75
No. 4.	Takes to 14"	Pipe.....	List 4.80
No. 5.	Takes to 20"	Pipe.....	List 9.90
No. 6.	Takes to 24"	Pipe.....	List 11.00
No. 7.	Takes to 30"	Pipe.....	List 12.50
No. 8.	Takes to 36"	Pipe.....	List 14.30
No. 9.	Takes to 42"	Pipe.....	List 15.80
No. 10.	Takes to 48"	Pipe.....	List 16.80

## SCRAPER OR SHAVE HOOK

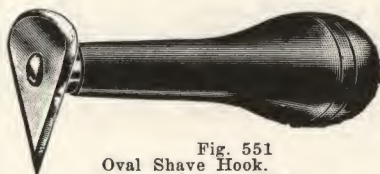


Fig. 551  
Oval Shave Hook.  
Triangle Shave Hook.

## TAP BORERS



Fig. 553  
N. Y. Pattern, Forged Tool  
Steel  
Packed one dozen to a box.

## SOLDER AND LEAD POTS



No. 3355  
Made of Grey Iron  
4-5-6-7-8-10" Diam.

## TURN PINS



Fig. 554  
Made of a hard  
grade of dogwood.  
Sizes:  
1¼"-2"-2½"





**BRIDGE**

**PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK**

### Chesterton Spiral Flat Wire Flue Brushes



Price, 2 $\frac{3}{4}$ -Inch and  
Smaller.....each \$2.75  
Price, 3-Inch and  
Larger...per inch 1.00

### No. 6 Worcester Flue Brushes



Treated with  
paint, making the  
brush rust proof.  
Sizes, 1 $\frac{1}{2}$  to 6  
inches. The 1 $\frac{1}{2}$   
and 1 $\frac{3}{4}$ -inch same  
price as 2-inch.  
Price..per in. \$1.00

### Chesterton Engineers' Favorite Tube Cleaners



Sizes 1 $\frac{3}{4}$   
to 4 inches  
outside di-  
ameter of  
tube.

Per Inch \$1.00 Minimum Price.....each \$2.00

### Chesterton Ingalls Flue Cleaners

Made of steel and malleable iron.

Size Inches	Price Each	Size Inches	Price Each
1 $\frac{3}{4}$	\$2.00	3 $\frac{1}{4}$	\$3.25
2	2.00	3 $\frac{1}{2}$	3.50
2 $\frac{1}{4}$	2.25	3 $\frac{3}{4}$	3.75
2 $\frac{1}{2}$	2.50	4	4.00
2 $\frac{3}{4}$	2.75	4 $\frac{1}{2}$	4.50
3	3.00	.....	.....



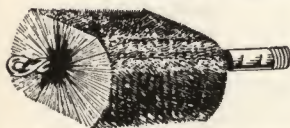
### Chesterton Combination Ingalls Flue Scrapers and Brushes



Brushes re-  
newable.  
Sizes 1 $\frac{3}{4}$ ,  
2, 2 $\frac{1}{4}$ , 2 $\frac{1}{2}$ ,  
2 $\frac{3}{4}$ , 3, 3 $\frac{1}{4}$ ,  
3 $\frac{1}{2}$ , 3 $\frac{3}{4}$ , and  
4 inches.

Per Inch...\$1.25 Minimum, 2-Inch Size...each \$2.50

### Heater or Sectional Boiler Brushes

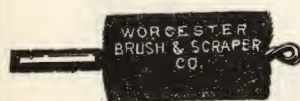


No. 52 Oval Fine Wire Flue Brush

No. 52—Made for American  
and other make boilers having  
square flues.

Size 1—2 x 4 inches.  
Size 2—2 $\frac{1}{2}$  x 4 $\frac{1}{2}$  inches.  
Size 3—3 x 5 inches.

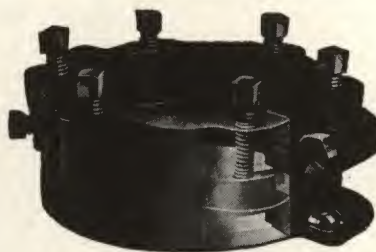
### No. 51 Rice or Fine Wire Brush



No. 51 Rice or Fine Wire Brush

Made of oil tempered round  
steel wire, fitted with  $\frac{1}{4}$ -inch  
pipe nipple.  
Sizes 1 $\frac{1}{4}$  to 6 inches. 1 $\frac{1}{4}$   
inches, 1 $\frac{1}{2}$  inches and 1 $\frac{3}{4}$  inches  
take 2-inch price. List price \$1.00  
per diameter inch. Special sizes  
made to order.

### Skinner Pipe Joint Clamps



Repairs leaks  
where pipe is  
screwed into fitting.  
The entire thrust is  
against the packing  
and the lip on the  
gasket container  
ring guides the pack-  
ing squarely into the  
threads.

Made of malle-  
able iron, elastic  
enough to accommo-  
date vibration and  
expansion, heavy  
enough to withstand the high-  
est pressures. A positive  
permanent repair on steam,  
oil, gas, hot or cold water, air,  
ammonia or brine.

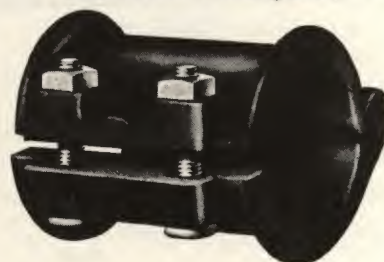
Enameled to resist rust.  
Made in halves held together  
by cap screws.

Packed in cartons.



I.D. Pipe Inches	Each	Wt. Lbs.	I.D. Pipe Inches	Each	Wt. Lbs.	O.D. Pipe Inches	Each	Wt. Lbs.
1 $\frac{1}{2}$	\$1.50	1 $\frac{1}{4}$	5 or 5 $\frac{1}{16}$	\$7.50	6	12 $\frac{1}{2}$ Cas.	\$27.50	20
3 $\frac{1}{4}$	1.50	1 $\frac{1}{4}$	Casing		6 $\frac{1}{2}$	13 O. D.		
1	1.50	1 $\frac{1}{2}$	6	9.00	7	14	31.50	23
1 $\frac{1}{4}$	1.90	1 $\frac{1}{2}$	6 $\frac{5}{8}$ or }	10.50	8	15	33.75	26
1 $\frac{1}{2}$	2.25	1 $\frac{1}{2}$	7 O.D.		10	16	36.00	27
2	3.00	2	7	10.50	11	18	40.50	30
2 $\frac{1}{2}$	3.75	2 $\frac{1}{4}$	8 O.D.	13.00	12	20	45.00	42
3	4.50	4	8	13.00	12	22	55.00	55
3 $\frac{1}{2}$	5.25	4 $\frac{1}{2}$	9	15.75	13 $\frac{1}{2}$	24	65.00	65
4	6.00	4 $\frac{3}{4}$	10	18.75	15	.....	.....	.....
4 $\frac{1}{2}$	6.75	5 $\frac{1}{4}$	12	22.50	18	.....	.....	.....

### Skinner Emergency Pipe Clamps



For stopping  
leaks in pipe lines.  
Malleable iron cyl-  
inder, halved,  
hinged along one  
side, and fitted  
with bolts on the  
other. A gasket  
completes the  
clamp. By concen-  
tration of pressure  
on the leak, this  
clamp makes a per-  
manent repair.

Owing to the long open hinge, the two halves of the clamp  
may be slid together along the pipe so as to assemble the  
clamp when crowded for room.

For the larger sizes of pipe, clamps are reinforced with  
heavy ribs, which insure security under high pressure.

Enameled to resist rust. Furnished with gaskets and  
cadmium-plated bolts.

Specify when O.D. or cast iron pipe sizes.

Sizes  $\frac{1}{2}$  to 2-inch packed 12 in a carton; sizes 2 $\frac{1}{2}$  to 4-inch,  
6 in a carton.

Size Pipe In.	Each	Length Over All Inches	No. Bolts per Doz.	Weight Pounds	Size Pipe In.	Each	Length Over All Inches	No. Bolts per Doz.	Weight Pounds
1 $\frac{1}{2}$	\$1.50	3 $\frac{1}{4}$	2	10	5	\$7.50	7	3	10
3 $\frac{1}{4}$	.68	3 $\frac{1}{4}$	2	13	6	9.00	8	3	14
1	.75	3 $\frac{1}{2}$	2	15	*6	9.00	8	3	15
1 $\frac{1}{4}$	.90	3 $\frac{3}{4}$	2	20	7	10.50	9	3	18
1 $\frac{1}{2}$	1.05	4	2	23	8	12.00	9 $\frac{1}{2}$	3	20
2	1.20	4 $\frac{1}{4}$	2	32	*8	12.00	9 $\frac{1}{2}$	3	32
2 $\frac{1}{2}$	1.50	4 $\frac{1}{2}$	2	39	9	13.50	10	3	34
3	1.88	5	2	15	10	15.00	12	4	45
3 $\frac{1}{2}$	2.25	5 $\frac{1}{2}$	2	16	*10	15.00	12	4	48
4	3.00	6	2	17 $\frac{1}{2}$	12	18.00	12	4	57
*4	5.25	6 $\frac{1}{2}$	2	18 $\frac{1}{2}$	*12	18.00	12	4	59
4 $\frac{1}{2}$	5.25	6 $\frac{1}{2}$	2	18 $\frac{1}{2}$	..	.....	..	..	..

\*Cast iron. †Weight each.

**SUPPLIES FOR PLUMBERS AND STEAMFITTERS**

**BRITCO**



## "BRICO" Plumber's Sanitary Tools ROTARY HEAD FLAT SEWER ROD

Made of  
OIL TEMPERED SPRING STEEL

EQUIPPED WITH THE NEW DOUBLE ROTARY HEAD, HAVING SWIVEL SHANK AND "SPRING GRIP" SELF ADJUSTABLE HANDLE

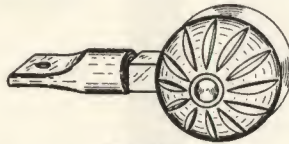


Fig. 522  
AT NO EXTRA COST

Each part of head, and swivel in shank, rotates independent of each other. This new "Superior" head prevents sticking on bends and permits longer runs. There is nothing manufactured to compare with it.

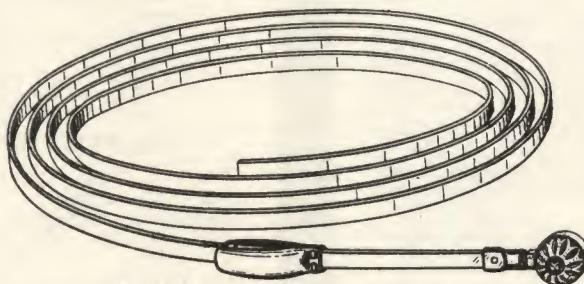


Fig. 523

STRAIGHTENS OUT AND LAYS FLAT, FOR USE IN SEWER, WILL NOT CURL, EVEN AFTER CONSTANT USE.

## "BRICO" SPRING GRIP SELF ADJUSTING HANDLE

Fig. 524



GRIPS AND ADJUSTS ITSELF TO ANY LENGTH ROD  
SUPPLIED WITH FOLLOWING SIZES:

$\frac{1}{2}$ "x1/16— $\frac{3}{4}$ "x1/16— $\frac{5}{8}$ "x3/32— $\frac{3}{4}$ "x $\frac{1}{8}$ "  
Extra Handle — List Each \$1.25

## SPEAR POINT FLAT SEWER ROD

Made of  
OIL TEMPERED SPRING STEEL FOR USE IN STRAIGHT SEWERS AND DRAINS  
EQUIPPED WITH REVOLVING SPEAR POINT, WITH HOOKS AND SPRING GRIP SELF ADJUSTING HANDLE



Fig. 525

Revolving spear point head with hook will force stoppage, by automatically plowing it's way through.

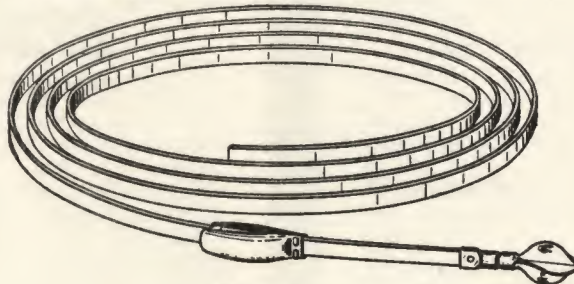


Fig. 526

### SIZE "F"

$\frac{1}{2}$ "x1/16" size. For cleaning 1" to 2" pipes. Equipped with "Superior" Spring Grip Handle and revolving spear point.

$\frac{1}{2}$ "x1/16"x 25 ft.	.....\$2.40 ea.
$\frac{1}{2}$ "x1/16"x 50 ft.	..... 4.50 ea.
$\frac{1}{2}$ "x1/16"x 75 ft.	..... 6.00 ea.
$\frac{1}{2}$ "x1/16"x100 ft.	..... 8.00 ea.

### SIZE "G"

$\frac{3}{4}$ "x1/16" size. For cleaning 2" to 4" pipes. Equipped with Superior Spring Grip Handle and revolving spear point.

$\frac{3}{4}$ "x1/16"x 25 ft.	.....\$4.00 ea.
$\frac{3}{4}$ "x1/16"x 50 ft.	..... 6.00 ea.
$\frac{3}{4}$ "x1/16"x 75 ft.	..... 8.00 ea.
$\frac{3}{4}$ "x1/16"x100 ft.	.....10.00 ea.

### SIZE "H"

$\frac{5}{8}$ "x3/32" size. For cleaning 2" to 4" pipes. Equipped with Superior Spring Grip Handle and revolving spear point.

$\frac{5}{8}$ "x3/32"x 25 ft.	.....\$4.00 ea.
$\frac{5}{8}$ "x3/32"x 50 ft.	..... 5.50 ea.
$\frac{5}{8}$ "x3/32"x 75 ft.	..... 7.75 ea.
$\frac{5}{8}$ "x3/32"x100 ft.	..... 9.00 ea.

### SIZE "D"

$\frac{3}{4}$ "x $\frac{1}{8}$ " size. For cleaning 4" to 6" pipes. Equipped with "Superior" Spring Grip Handle and double rotary head.

$\frac{3}{4}$ "x $\frac{1}{8}$ "x 25 ft.	.....\$6.00 ea.
$\frac{3}{4}$ "x $\frac{1}{8}$ "x 50 ft.	..... 8.00 ea.
$\frac{3}{4}$ "x $\frac{1}{8}$ "x 75 ft.	.....10.00 ea.
$\frac{3}{4}$ "x $\frac{1}{8}$ "x100 ft.	.....13.00 ea.

### SIZE "E"

$1\frac{1}{4}$ "x $\frac{1}{8}$ " size. Equipped with "Superior" new style double rotary head which automatically plows itself thru mud and dirt. No handle required.

$1\frac{1}{4}$ "x $\frac{1}{8}$ "x 25 ft.	.....\$7.25 ea.
$1\frac{1}{4}$ "x $\frac{1}{8}$ "x 50 ft.	.....12.00 ea.
$1\frac{1}{4}$ "x $\frac{1}{8}$ "x 75 ft.	.....14.50 ea.
$1\frac{1}{4}$ "x $\frac{1}{8}$ "x100 ft.	.....17.50 ea.

### ROTARY HEADS ONLY

	List
For $\frac{1}{2}$ "x $\frac{5}{8}$ " wire	Each \$1.25
For $\frac{3}{4}$ " wire	2.00
For $1\frac{1}{4}$ " wire	5.00
Double rotary head only.	
1" diameter	\$1.25 each List
$1\frac{1}{2}$ " diameter	2.00 each List
3" diameter	5.00 each List

### SIZE "J"

$\frac{3}{4}$ "x $\frac{1}{8}$ " size. For cleaning 4" to 6" pipes. Equipped with "Superior" Spring Grip Handle and revolving spear point.

$\frac{3}{4}$ "x $\frac{1}{8}$ "x 25 ft.	.....\$6.00 ea.
$\frac{3}{4}$ "x $\frac{1}{8}$ "x 50 ft.	..... 8.00 ea.
$\frac{3}{4}$ "x $\frac{1}{8}$ "x 75 ft.	.....10.00 ea.
$\frac{3}{4}$ "x $\frac{1}{8}$ "x100 ft.	.....13.00 ea.

### SIZE "K"

$1\frac{1}{4}$ "x $\frac{1}{8}$ " size. Equipped with new style "Superior" revolving spear point with hooks, which automatically plows itself thru mud and dirt. No handle required.

$1\frac{1}{4}$ "x $\frac{1}{8}$ "x 25 ft.	.....\$7.25 ea.
$1\frac{1}{4}$ "x $\frac{1}{8}$ "x 50 ft.	.....12.00 ea.
$1\frac{1}{4}$ "x $\frac{1}{8}$ "x 75 ft.	.....14.50 ea.
$1\frac{1}{4}$ "x $\frac{1}{8}$ "x100 ft.	.....17.50 ea.

### SPEAR POINT HEADS ONLY

	List
For $\frac{1}{2}$ " and $\frac{5}{8}$ " wire	Each \$1.25
For $\frac{3}{4}$ " wire	2.00
For $1\frac{1}{4}$ " wire	5.00
Revolving spear head $1\frac{1}{4}$ " diameter	\$1.25 each
$1\frac{1}{2}$ " Diameter	2.00 each
3" Diameter	5.00 each

STRAIGHTENS OUT AND LAYS FLAT FOR USE IN SEWER. WILL NOT CURL, EVEN AFTER CONSTANT USE.





**BRIDGE**

**PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK**

### Plumbers' Closet Augers

Spring is of specially prepared spring wire to withstand most severe strains. Heavy gage, seamless brass guide tube, polished and lacquered.



#### Tempered— $\frac{7}{16}$ -Inch

No.	Each	Lgth. Ft.	Wt. Lbs.	No.	Each	Lgth. Ft.	Wt. Lbs.
3A	\$1.40	3	2	9A	\$2.00	9	3½
6A	1.70	6	2¾				

#### Music Wire— $\frac{7}{16}$ -Inch

3P	\$1.90	3	2	9P	\$2.70	9	3½
6P	2.30	6	2¾				

#### Multicoil— $\frac{3}{8}$ -Inch Construction

3X	\$3.80	3	2¼	9X	\$6.60	9	4¼
6X	5.20	6	3¼				



### Plumbers Drain Pipe and Sewer Augers

The  $\frac{3}{8}$  and  $\frac{1}{2}$ -inch coil spring sizes are adapted for sinks and lavatory drain pipes and can be worked around small elbows. The  $\frac{7}{16}$  and  $\frac{1}{2}$ -inch sizes are used on 2 to 4-inch drain pipes, and the  $\frac{5}{8}$  and  $\frac{3}{4}$ -inch diameter springs are used on 4 to 6-inch drain pipes and sewers.

All sizes except  $\frac{3}{8}$ -inch have bulb-shape boring gimlet on end.

#### Tempered

No.	Diam. In.	Gage Wire	6-Ft. Each	8-Ft. Each	10-Ft. Each	15-Ft. Each	25-Ft. Each	50-Ft. Each	100-Ft. Each	25-Ft. Lbs.
*W	$\frac{3}{16}$	16	.....	\$ .52	.....	\$ .80	\$1.20	.....	.....	2
†Q	$\frac{1}{4}$	14	.....	\$ .84	1.00	\$1.12	1.50	2.14	\$3.80	3½
M	$\frac{1}{2}$	13	1.16	1.40	1.62	2.20	3.30	5.90	.....	7
L	$\frac{1}{2}$	12	.....	.....	2.24	3.00	4.40	8.20	\$15.10	9
F	$\frac{5}{8}$	9	.....	.....	.....	.....	6.00	12.00	24.00	16
T	$\frac{3}{4}$	8	.....	.....	.....	.....	10.00	20.00	40.00	20

#### Music Wire

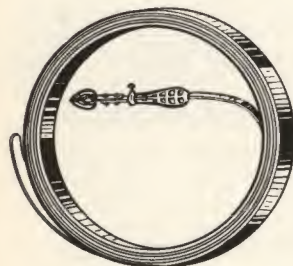
†P1	$\frac{1}{4}$	14	\$1.10	\$1.54	\$1.74	\$2.30	\$3.30	\$5.90	.....	3½
P2	$\frac{1}{2}$	13	.....	.....	2.50	3.40	5.00	9.00	\$17.40	7
P3	$\frac{1}{2}$	12	.....	.....	.....	4.50	7.30	12.40	24.50	9

\*With steel bushed wood adjustable slide handle.

†With malleable iron adjustable slide handle.

Other sizes have malleable iron adjustable slide and crank handle.

### Plumbers' Flat Sewer Rods



For cleaning waste pipe and sewers. Made of special oil-tempered spring steel that will not curl after constant use. Complete with sewer point and slide handle.

No. A furnished with solid oval head; other sizes, with Universal all-revolving split roller head, or revolving spear head.

Specify kind of head desired when ordering.

No.	Size In.	For Pipe	25-Ft. Each	50-Ft. Each	75-Ft. Each	100-Ft. Each	Wt. Lbs.
A	$\frac{1}{4} \times \frac{1}{16}$	Small Pipe	\$1.50	\$2.40	\$3.30	\$4.20	2
B	$\frac{1}{2} \times \frac{1}{16}$	Medium Pipe	2.40	4.20	6.00	7.80	3
C	$\frac{3}{4} \times \frac{1}{16}$	2 to 4" Pipe	3.90	5.90	7.90	9.90	4
D	$\frac{1}{2} \times \frac{1}{8}$	4 to 6" Pipe	6.00	8.90	11.80	14.70	8
I	1 x $\frac{1}{8}$	4 to 8" Pipe	7.00	11.50	16.00	20.50	12
E	$1\frac{1}{4} \times \frac{1}{8}$	Large Pipe & Sewers	8.00	12.80	17.80	22.70	14

### "RED POINT" FLEXIBLE SINK AND DRAIN CLEANER

Fig. 527

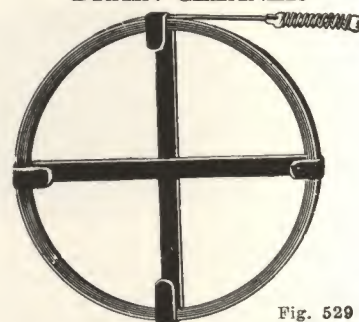


Fig. 529

Especially Suitable for Cleaning Small Size Drains

Made of flexible and durable  $\frac{1}{4} \times \frac{1}{32}$ " oil Tempered Spring Steel. Due to its flexibility, the improved "Red Point" will go through traps and around bends, with the utmost ease. Each cleaner is supplied with a handy black enameled frame, from which the rod can be easily and quickly forced into the drain, and just as quickly and conveniently recoiled into frame, when the cleaning operation is finished.

A handy tool for a plumber's kit.  
Diameter of coil 10", weighs  $\frac{3}{4}$  of a pound.  
25 foot long \$2.50 list 50 foot long 4.50 list.

### "SUPERIOR" SEWER ROD FRAME

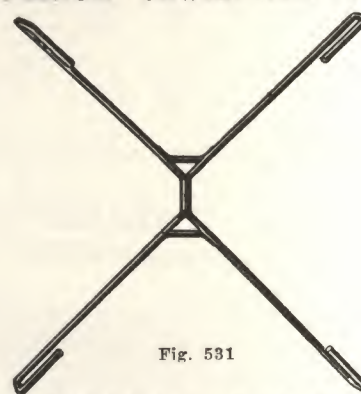


Fig. 531

Small—Holds  $\frac{1}{2}$ ",  $\frac{5}{8}$ " and  $\frac{3}{4}$ " x  $\frac{1}{4}$ " flat sewer rods ..... \$1.25  
Large—Holds  $\frac{1}{2}$ " and  $1\frac{1}{4}$ " x  $\frac{1}{4}$ " flat sewer rods ..... 1.75  
Permits one man to quickly and conveniently unroll rod into drain. Made of heavy steel. Black enamel finish.

### MULTIWIRE DRAIN PIPE CLEANERS EQUIPPED WITH ROTARY HANDLE



Cat. No.	Size	Weight Each	List Price
53MW— $\frac{1}{4}$ " diam.—	6 ft. long	¾ lb.	\$ 1.50 each
54MW— $\frac{1}{4}$ " diam.—	8 ft. long	1 lb.	2.00 each
55MW— $\frac{1}{4}$ " diam.—	12 ft. long	1½ lbs.	3.00 each
56MW— $\frac{1}{4}$ " diam.—	15 ft. long	2 lbs.	3.75 each
57MW— $\frac{1}{4}$ " diam.—	25 ft. long	3 lbs.	6.25 each
58MW— $\frac{1}{4}$ " diam.—	50 ft. long	6 lbs.	12.50 each
59MW— $\frac{3}{8}$ " diam.—	8 ft. long	2 lbs.	4.00 each
60MW— $\frac{3}{8}$ " diam.—	12 ft. long	3 lbs.	6.00 each
61MW— $\frac{3}{8}$ " diam.—	15 ft. long	4 lbs.	7.50 each
62MW— $\frac{3}{8}$ " diam.—	25 ft. long	6 lbs.	12.50 each
63MW— $\frac{3}{8}$ " diam.—	50 ft. long	12 lbs.	25.00 each
64MW— $\frac{3}{8}$ " diam.—	100 ft. long	24 lbs.	50.00 each



## Utility Pipe Joint Compound

An efficient joint cement for use on all threaded connections on steam, oil, gas and hydraulic lines. Especially recommended for use on brass. Its metallic base ground in oil, forms a lubricating as well as a sealing medium. Will remain plastic on hot or cold pipes and will not crack, crumble or shrink. Insures perfectly tight joints at all times and prevents freezing of fittings to pipe threads.



25-pound quantity is packed in drums; other quantities are furnished in cans.

Size Containers.....lbs.	1	2	5	10	25
Each.....	\$ .50	.90	2.20	4.20	10.00
No. to Case.....	50	48	12	6	1
Shipping Weight per Case.lbs.	58	100	73	73	27

## X Pipejoin

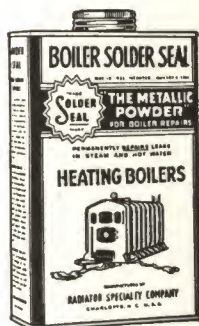


A leakproof pipe joint compound for cold and hot water lines, low pressure steam lines, artificial gas, compressed air systems, galvanized and brass pipe lines and refrigerating systems.

X Pipejoin expands under heat and is an ideal filler and lubricant; prevents corrosion and is absolutely non-poisonous.

Size Can.....	1-Pt.	1/2-Gal.
Per Can.....	\$ .40	1.30

## Boiler Solder Seal



Boiler Solder Seal is a scientifically prepared powder which automatically finds and permanently repairs leaks in steam and hot water heating systems.

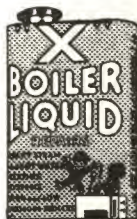
After Boiler Solder Seal has hardened in the leaks it has a tensile strength equal to that of the metal to which it is attached. It will withstand any steam pressure.

QUANTITIES.—Steam Boilers, one can for boilers with 8 sq. ft. of grate surface or less; one can for each additional 8 sq. ft. Hot water boilers require 50% more.

Furnished ready for instant use.

In 1½-Pound Cans Only.....each \$5.00

## X Boiler Liquid



X Boiler Liquid repairs leaks in high and low pressure steam and hot water boilers.

It contains no soap, meal, or any product that will prevent the system from properly functioning.

When used on new installations, it takes up the small sand hole leaks.

Steam jobs for the average small house take about 1 quart of X Boiler Liquid.

Hot water jobs for the average small house take about a half gallon.

One quart of X Boiler Liquid is usually sufficient for 6 square feet of grate surface on a steam job. A half gallon is sufficient for a hot water job. Both the quart and half-gallon cans come packed 6 cans to a carton.

	Per Can	Carton Lots
1-Quart Cans.....	\$2.10	\$1.85
1/2-Gallon Cans.....	3.40	2.90

BRIDGE PLUMBERS SUPPLY CO.

## Oster Bestoil



This oil will equal the best grade of lard oil in its cutting qualities.

It is lower in cost than No. 1 lard oil.

Has no disagreeable odor.

It does not congeal and will run freely in zero weather.

Price includes container.

Capacity Container.....gal.	1	2	5	30	55
Per Gallon.....	\$1.50	1.35	1.25	1.10	1.00

## Sulflo Cutting Oil

Sulflo makes die stocks and cut-off tools pull easier. Makes smoother, better formed threads and tighter joints. Contains suspended sulphur, a high temperature lubricant. Leaves work clean; does not allow tool to chew into the metal. It cuts to size. Can be diluted for pipe machine use.



Size Container	Each
*1-Pt. Squirt Can	\$ .30
1-Qt. Can	.40
1/2-Gal. Can	.75
1-Gal. Can	1.15
5-Gal. Pail	†1.00
15-Gal. Drums	†.90
30-Gal. Drums	†.70
55-Gal. Drums	†.60

\*Eight 1-pt. Squirt Cans, \$2.00.

†Price per gallon.

## X Pipecut Oil



A special blend of oils sulfureted sufficiently to insure the finest cutting oil obtainable for steel, iron, galvanized and brass pipe. It flows well over the threads and keeps all parts constantly covered. Oil cools dies and will not ball up and leave dry spots on threads.

Size Can.....	1-Pt.	1-Gal.
Per Can.....	\$ .35	1.20

## Vinco Heating System and Hot Water Supply System Cleanser



Vinco is a harmless insoluble powder that removes all oil, grease, rust, scale, and dirt from heating and hot water supply systems.

It thus stops priming, foaming, surging, and slow steaming in new boilers and eliminates fuel waste and low efficiency in old ones.

Booklets with full information sent upon request.

3, 5, and 10-Pound Cans...per pound \$1.25



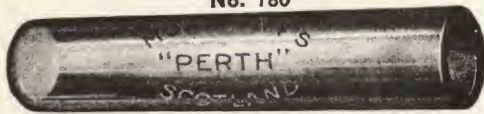


# BRIDGE

## PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK

### Moncrieff's Perth Scotch Gauge Glasses

For 150 Pounds Steam Pressure  
No. 780



All glasses are carefully packed, 6 in a package.

Length Inches	PRICE, PER DOZEN						
	EXTERNAL DIAMETER, INCHES						
	1/2	3/8	3/4	7/8	1	1 1/4	1 1/2
8	\$1.92	\$2.52	\$3.00	\$4.08	\$4.92	\$8.16	\$14.64
9	2.04	2.76	3.36	4.68	5.52	9.24	16.44
10	2.28	3.00	3.60	5.04	6.12	10.20	18.36
11	2.64	3.24	3.96	5.64	6.72	11.16	20.16
12	2.76	3.60	4.32	6.12	7.32	12.24	21.96
13	3.00	3.84	4.80	6.60	7.92	13.20	23.76
14	3.24	4.20	5.16	7.08	8.52	14.28	25.56
15	3.48	4.44	5.52	7.56	9.12	15.24	27.48
16	3.72	4.80	5.88	8.16	9.72	16.32	29.28
17	3.96	5.04	6.24	8.64	10.32	17.28	31.08
18	4.20	5.40	6.60	9.12	10.92	18.36	32.88
19	4.44	5.64	7.08	9.60	11.52	19.32	34.68
20	4.68	6.00	7.44	10.20	12.12	20.28	36.60
21	4.80	6.36	7.80	10.68	12.84	21.36	38.40
22	5.04	6.60	8.16	11.16	13.44	22.44	40.20
23	5.28	6.96	8.52	11.64	14.04	23.40	42.00
24	5.52	7.20	8.88	12.12	14.64	24.36	43.80
30	6.96	9.00	11.16	15.24	18.24	30.60	54.96
36	8.28	10.80	13.44	18.24	21.96	36.72	65.88

### SCOTCH WATER GAUGE GLASS



Fig. 458

#### Low Pressure List Price Per Dozen

Length Inches	EXTERNAL DIAMETER			
	1/4, 3/8, 1/2 and 5/8	3/4	7/8	1
10	\$ 3 00	\$ 3 60	\$ 5 04	
11	3 24	3 96	5 64	
12	3 60	4 32	6 12	
13	3 84	4 80	6 60	
14	4 20	5 16	7 08	
15	4 44	5 52	7 56	
16	4 80	5 88	8 16	
17	5 04	6 24	8 64	
18	5 40	6 60	9 12	
19	5 64	7 08	9 60	
20	6 00	7 44	10 20	
22	6 60	8 16	11 16	
24	7 20	8 88	12 12	

### GAUGE GLASS CUTTERS CUTS THE GLASS FROM THE INSIDE

#### G. P. GAUGE GLASS CUTTER



Fig. 464

A nickel-plated high quality gauge glass cutter.

Because of its patented construction, more leverage power can be applied to the cutting wheel.

Wheel made of highest grade specially treated steel.

Each.....	\$2.00
Extra Cutter Wheels.....	2.40
Extra Pins.....	per dozen .20

### Expansion Tank Water Gauges



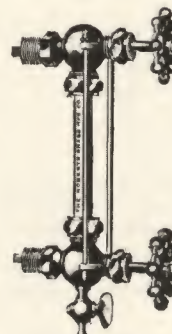
Rough

Has 1/2-inch connection, two guards and 5/8x12-inch glass.

Price, No. 400.....each \$2.60

### Water Gauges

#### Self-Cleaning—Rough—With Metal Handles



No. 402

No.	Each	Size Connection Inches	No. Guards	Size Glass Inches
401	\$2.75	3/8	2	*5/8x8
402	3.00	1/2	2	5/8x12
403	4.50	3/4	2	3/4x16

\*Can also be furnished 5/8x10 inches.

### Sherman Fusible Plugs



Nos. 99 and 99A  
Short Pattern  
Regular Length



No. 99B  
Extra Long



No. 99C  
Extra Long

#### Inside or Pressure Side



No. 99A  
Inside Style

No. 99  
Outside Style

No. 99B  
Outside Long Style

#### Outside or Fire Side

These plugs are filled with Banca tin.

Chamber for retaining tin in each case is arranged so that larger area is on pressure side. Smaller tin surfaces should always be on fire side.

Size In.	Nos. 99 and 99A Each	Nos. 99B and 99C Each	Size In.	Nos. 99 and 99A Each	Nos. 99B and 99C Each
3/8	\$ .50	\$1.10	1 1/4	\$1.50	\$3.00
1/2	.60	1.20	1 1/2	2.00	4.00
3/4	.75	1.50	...	...	...
1	1.00	2.00	...	...	...



**No. 500S Drawn Case Pressure Gauges**

For use on apparatus where a light gauge is preferred. Should not be used where the pressure medium is one that attacks or corrodes brass. Furnished with independent, non-corrosive movement and thoroughly seasoned springs. Graduated any standard pressure from 15 to 600 pounds per square inch inclusive.

With  $\frac{1}{8}$  or  $\frac{1}{4}$ -inch lower male connection.



Net Price Gauges			
Size Dial In.	*Steel Case Each	Size Dial In.	*Steel Case Each
2	\$1.00	3 $\frac{1}{2}$	\$1.54
2 $\frac{1}{4}$	1.10	4 $\frac{1}{2}$	1.88
2 $\frac{1}{2}$	1.20	5	3.08
3	1.44		

\*Black finished steel case.

For standard T-handle gauge cock  $\frac{1}{4}$ -in. female both ends add \$.30.

**No. 501S Drawn Case Vacuum Gauges**

Designed for use on equipment not exposed to the elements, and where there are no rapid fluctuations, or external vibration conditions. Furnished with independent non-corrosive movement. Usual graduation 30-inch vacuum; graduated in equivalent pounds per square inch when specified. With  $\frac{1}{8}$  or  $\frac{1}{4}$ -inch lower male connection.



Net Price Gauges			
Size Dial Inches	Steel Case Blk. Fin., Ea.	Brass Case Each	
2	\$1.00	\$1.30	
2 $\frac{1}{4}$	1.10	1.40	
2 $\frac{1}{2}$	1.20	1.50	
3	1.44	1.74	
3 $\frac{1}{2}$	1.54	1.84	
4 $\frac{1}{2}$	1.88	2.48	
5	3.08	3.68	

For standard T-handle gauge cock  $\frac{1}{4}$ -in. female both ends add \$.30.

**No. 505S Drawn Case Compound Gauges**

Used to indicate pressure and vacuum where the pressure medium is one that will not attack or corrode brass. Has independent non-corrosive movement. Graduated to any standard pressure up to 500 pounds per square inch and to 30 inches vacuum or equivalent pounds per square inch.

With  $\frac{1}{8}$  or  $\frac{1}{4}$ -inch lower male connection.



Net Price Gauges			
Size Dial In.	Steel Case Black Fin. Each	Brass Case Each	Size Dial In.
2	\$1.30	\$1.60	3 $\frac{1}{2}$
2 $\frac{1}{4}$	1.40	1.70	4 $\frac{1}{2}$
2 $\frac{1}{2}$	1.50	1.80	5
3	1.74	2.04	

For standard T-handle gauge cock  $\frac{1}{4}$ -in. female both ends add \$.30.

**No. 502S Drawn Case Altitude Gauges**

Used to indicate the height of water in tanks, reservoirs, etc., and in connection with hot water systems. Has independent non-corrosive movement. Usually graduated to 70 feet of water but can be graduated to any standard altitude when specially ordered.

With  $\frac{1}{8}$  or  $\frac{1}{4}$ -inch lower male connection.



Net Price Gauges			
Size Dial In.	Steel Case Black Fin. Each	Brass Case Each	Size Dial In.
2	\$1.10	\$1.40	3 $\frac{1}{2}$
2 $\frac{1}{4}$	1.20	1.50	4 $\frac{1}{2}$
2 $\frac{1}{2}$	1.30	1.60	5
3	1.54	1.84	

For standard T-handle gauge cock  $\frac{1}{4}$ -in. female both ends add \$.30.

**Plain Compression Gauge Cocks**

For use on low pressure house-heating boilers. Standard finish is polished brass with black wooden handle.



No.	Size Inches	Price Each
21	$\frac{3}{8}$	\$.95
22	$\frac{1}{2}$	1.00
23	$\frac{3}{4}$	1.25

**Compression Gauge Cocks****With Stuffing Box**

Standard finish is polished brass with composition handle.

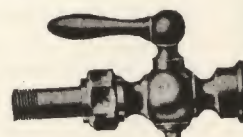
No.	Size Inches	Price Each
24	$\frac{3}{8}$	\$1.20
25	$\frac{1}{2}$	1.30
26	$\frac{3}{4}$	1.45

**Gauge Syphons****Coil Pipe**

Size Connections	
.....inches	$\frac{1}{4} \times \frac{1}{4}$
Iron.....each	\$ .25
Brass.....each	1.00
Nickel-Plated ea.	1.50

**Steam Gauge Cocks**

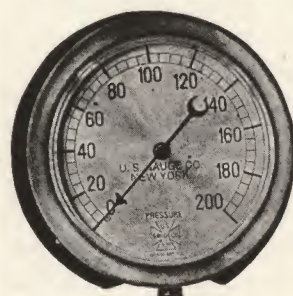
No. 98, Tee Handle Double Female



No. 108, Lever Handle Female with Male Union

Size,  $\frac{1}{4}$  inch.

No. 98, Tee Handle, Double Female, Heavy Pattern.....each	\$ .75
No. 102, Tee Handle, Male and Female.....each	.85
No. 108, Lever Handle, Female with Male Union, Light Pattern.....each	1.65

**No. 500 Single Spring Pressure Gauges**

Suitable for service where there is no rapid fluctuation in pressure, or external vibration, and with any pressure medium that will not attack or corrode brass. Has independent movement mounted directly on the socket, insuring maximum protection of mechanism against abuse and hard usage.

When steam is the pressure medium, a siphon should be used.

Pipe connection up to and including 6-inch dial,  $\frac{1}{4}$ -inch male; larger sizes,  $\frac{1}{4}$ -inch female.

Graduated from 15 to 1000 pounds.

Extra charge when gauge is calibrated to a pressure in excess of 600 pounds.

With  $\frac{1}{8}$  or  $\frac{1}{4}$ -inch male lower connection.

Size Dial In.	Iron Case Brass Ring Each	Iron Case N.P. Ring Each	Finished Brass Case Each	N.P. Case Each
3 $\frac{1}{2}$	.....	.....	\$7.38	\$7.86
4 $\frac{1}{2}$	.....	.....	7.86	8.81
5	.....	.....	8.81	9.73

Size Dial.....inches	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4 $\frac{1}{2}$	5
No. 500 With Iron Case..ea.	\$2.80	3.10	3.30	3.86	4.96

For standard T-handle gauge cock  $\frac{1}{4}$ -inch female both ends add 30 cents.

BRIDGE PLUMBERS SUPPLY CO.





**BRIDGE**

**PLUMBERS SUPPLY CO.**

**1139 SECOND AVENUE, NEW YORK**

### No. 1 Dole Air Valves



This valve is for venting radiators of 1 or 2-pipe gravity steam heating systems. Easily installed on any cast iron radiator.

Extra large venting port insures quicker heating.

Siphon tube enables proper drainage of valve. Will not stick. Float construction prevents spitting of water.

Chrome-plated.

Packed in individual cartons; 12 cartons to standard package.

Shipping weight, 2½ ounces.

No. 1.....each \$1.15

### Dole Quick Vent Straight Shank Air Valves



For venting ends of steam mains, tanks, long mains, hot water generators, low pressure feed water heaters and also steam radiators where straight shank design valve is required.

Connecting stem and base are of extruded brass rod.

Height, 6 inches; diameter, 1¼ inches. Heavily chromium plated and polished. Individually packed; 12 in a display box.

No. 3-A, ⅛-Inch I.P.T., Weight, 3½ Ounces.....each \$1.55

No. 3-B, ¼-Inch I.P.T., Weight, 4 Ounces.....each 1.65

No. 3-C, Combination ¾-Inch I.P.T. Male and ⅝-Inch I.P.T. Female, Weight, 5 Ounces.....each 1.80

No. 3-C

### No. 2B Dole Vacuum Valves



This valve is for venting radiators and vacuumizing one-pipe steam heating systems. Prevents return of air after it has been once expelled. Gives a quick and long amount of heating from a small amount of fuel.

Easily installed on any cast iron radiator.

Chrome-plated.

Packed in individual cartons; 12 cartons to standard package.

Shipping weight, 8 ounces.

No. 2-B.....each \$3.10

### No. 6-B Dole Straight Shank Vacuum Valves



Steam heating systems equipped with vacuum valves should have No. 6-B vacuum valves on the mains. This assures quick venting and the vacuum feature of the valve completes the plan to render a suitable one-pipe steam system more efficient by the application of the vacuum principle.

Stem is of extruded brass rod, ¾ inch I.P.T. male thread and ⅝ inch I.P.T. female thread.

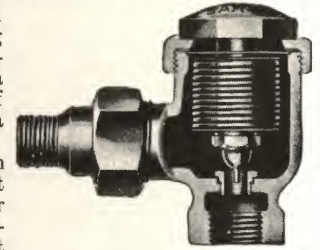
Height; 5 inches; diameter, 1½ inches.

Made of brass and bronze. All parts threaded and brazed; chromium-plated and polished.

Individually wrapped and packed in cartons; weight, 10 ounces.

No. 6-B.....each \$4.50

### Type E Sarco Radiator Traps

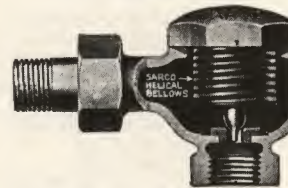


For vacuum, vapor and low pressure steam heating systems. The Sarco Radiator Trap, Type E, uses a spirally corrugated tube of large diameter, containing a volatile liquid.

The life of the expansion element is greater than that of flat diaphragm discs or annularly corrugated bellows, owing to the fact that the spiral corrugations distribute the valve movement over the whole tube. There is equal movement on each turn of the spiral. Trap will work on any degree of vacuum and on any steam pressure up to 15 pounds. Made in angle left, right and straightway patterns.

Inlet and Outlet.....inches ½ ¾ 1  
Type E.....each \$6.00 8.55 11.85

### Type H Sarco Radiator Traps



For vapor, vacuum and low pressure heating systems up to 15 pounds. Uses bellows made from helically corrugated, seamless flexible bronze tubing. Renewable hard bronze seat.

Body and cap are of cast bronze, nickel finished with

polished trimmings; union nut and tail piece are of heavy brass. Motor element is fastened rigidly to cap. Large diameter tubing and sensitively proportioned operating fluid contained in motor element insure a positive closing pressure.

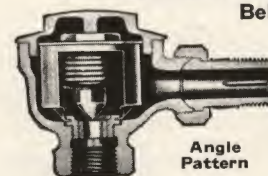
Available in angle, offset and straightway patterns.

Size.....inches ½ ¾ 1  
Type H.....each \$5.00 6.55 11.85

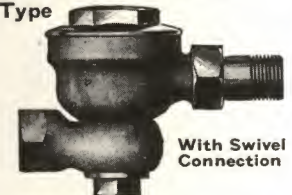
\*Can be furnished with ½-inch inlet and ¾-inch outlet at same price.

### No. 8A Hoffman Thermostatic Traps

#### Bellows Type



Angle Pattern



With Swivel Connection

Bellows, valve pin, and renewable seat combined into a single unit. Capacity, 400 square feet of direct radiation. For pressures up to 25 pounds. Furnished for 50 pounds pressure at no extra charge.

Weight, 1¾ pounds.

No. 8A, Angle Pattern, ½-Inch Connection.....each \$5.25

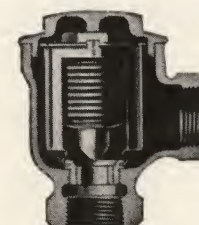
No. 8A, Swivel Pattern, ½-Inch Connection.....each 5.25

No. 8A, Angle Pattern, ½x¾-Inch Connection.....each 5.25

No. 8A, Angle Pattern, ¾-Inch Connection.....each 5.60

### No. 9A Hoffman Thermostatic Traps

#### Bellows Type



Relieves air and condensation from radiators or heating units in vapor or vacuum systems without steam loss.

Cage, bellows and seat are combined into a single unit screwed into body of trap and sealed by a soft copper gasket. This unit may be removed while cleaning the system.

Made with ¾-inch connections, angle pattern only. Capacity, 700 square feet of direct radiation. Maximum

guaranteed operating pressure, 25 pounds. Can be furnished for 50 pounds pressure at no extra charge. Weight, 2 pounds.

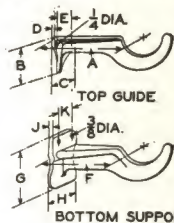
No. 9A, without Union.....each \$6.70

No. 9A, with Union.....each 7.20





## Corto Concealed Radiator Brackets



## Top Bracket

Type of Radiator	DIMENSIONS, INCHES				
	A	B	C	D	E
3-Tube	3 11/16	2 5/8	1 3/4	5/16	1
4-Tube	4 1/2	2 5/8	1 3/4	5/16	1
5-Tube	5 3/8	2 5/8	1 3/4	5/16	1
6-Tube	6 3/16	2 5/8	1 3/4	5/16	1
7-Tube Window	7	2 5/8	1 3/4	5/16	1

## Bottom Bracket

Type of Radiator	DIMENSIONS, INCHES				
	F	G	H	J	K
3-Tube	3 11/16	4 3/8	2 1/4	1 1/2	1 1/4
4-Tube	4 1/2	4 3/8	2 1/4	1 1/2	1 1/4
5-Tube	5 3/8	4 3/8	2 1/4	1 1/2	1 1/4
6-Tube	6 3/16	4 3/4	2 1/4	1 1/2	1 1/4
7-Tube Window	7	4 3/8	2 1/4	1 1/2	1 1/4



## Baer Aluminum Powder

Baer Aluminum Powder is chemically pure, brilliant, durable and untarnishable. Suitable for decorative work, for indoor as well as outdoor use. Not affected by climatic changes. Mixes with banana or bronzing liquid.

Each ounce and 1/2-ounce wrapped individually.

Size Container . . . 1-lb. 1/2-lb. 1/4-lb. 1-oz. 1/2-oz.  
Price . . . per lb. . . . .



## Gold Bronze Powder

An exceptionally brilliant gold powder universally specified by architects and decorators, steam fitters and gilders for all decorative work.

Made in rich gold and pale gold.

Size Can . . . . . 1-lb. 1/2-lb.  
Price . . . . . each \$1.25 .65



## M Bronzing Liquid

Used in mixing gold and aluminum bronze.

Price, Barrels . . . . .	per gal.	\$1.50
Price, 5-Gal. Cans . . . . .	per gal.	1.90
Price, 1-Gal. Cans . . . . .	per gal.	2.10
Price, 1/2-Gal. Cans . . . . .	per gal.	2.50
Price, 1-Quart Cans . . . . .	per gal.	3.10
Price, 1-Pint Cans . . . . .	per gal.	4.10
Price, 1/2-Pint Cans . . . . .	per gal.	5.60

## No. 2396 Wood Wheel Compression Air Valves



This valve is for hot water radiators. Threaded for 1/8-inch iron pipe.

Wrapped and packed 12 in a box.

No. 2396, Chromium-Plated . . . . . each . . .  
No. 2396, Nickel-Plated . . . . . each . . .

## Compression Radiator Air Valves

No. 4 with Loose Key

Key



No. 4, 1/8-Inch, Nickel-Plated . . . . . each \$ .60  
Extra Keys for No. 4 . . . . . each .10

## Hoffman Venting Valves



No. 40



No. 41



No. 45

Designed with ample capacity to vent radiators quickly and thoroughly. The internal construction provides liberal clearances which will prevent dirt from clogging and interfering with valve action.

Simple in construction, positive in operation and non-adjustable.

Crimped base construction is absolutely leakproof.

Streamlined shell; nickel-plated finish.

No. Each	Description	Conn. I.P.T. Inches
40 \$ .45	Angle Pattern Radiator Valve . . . . .	1/8
41 .59	Straight Shank Radiator Valve . . . . .	1/8
43 .59	Straight Shank Radiator Valve . . . . .	1/8
45 .67	Straight Shank Basement Vent . . . . .	1/4

\*Double thread, 3/8-inch inside I.P.T. and 1/4-inch outside I.P.T.

## Hoffman Air Port Valves

With 6-Speed Adjustable Vent Port



No. 70

Designed for venting radiators or heating units on one-pipe low pressure gravity systems. Adjustable vent port controls venting speed so that radiators heat uniformly.

Escape of water is prevented, and all air is vented and valve closes with snap action against steam leakage.

Base and nipple connection is 1-piece hot brass forging.

Maximum guaranteed operating pressure, 10 pounds.

Size connection, 1/2 inch.

No. 70, Angle Pattern, Chromium Finish . . . . . each \$1.40  
No. 71, Straight Pattern, Chromium Finish . . . . . each 1.80



No. 71

## No. 1 Hoffman Siphon Air Valves

With 6-Speed Adjustable Orifice Vent Port



This radiator air valve is designed for low pressure gravity systems of one and two pipe style. With its six adjustable venting ports, the flow of steam into a radiator can be controlled. On large radiators, the venting can be accelerated by the use of the larger ports, and the venting of smaller radiators reduced by the use of smaller ports, so that in a given time the same proportion of each radiator will be heated.

Due to patented double shell construction, which provides separate air and water channels, spitting and water-logging is impossible, even when radiator is under pressure.

Maximum guaranteed operating pressure, 10 pounds.

Connection size, 1/8 inch.

No. 1, Chromium Finish . . . . . each \$2.15

Do not forget that when you find a house cutting prices, it will cost you considerable to see that they do not make it up on other items.





### Hoffman Air Valves



No. 3

No. 3 Air Line Valves are sensitive in action and close the instant steam fills the radiator. No adjustment is necessary either before or after installation.

Maximum guaranteed operating pressure, 10 pounds.  $\frac{1}{8}$ -inch radiator connection with  $\frac{1}{4}$ -inch air line connection.

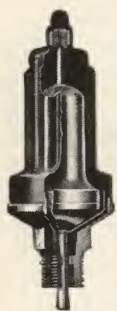


No. 4

No. 4 Quick Vent Valves are for venting mains, risers, vent stacks, coils, etc., where water is not a factor. All air is vented through  $\frac{1}{8}$ -inch vent port. Valve does not close against water.

Maximum guaranteed operating pressure, 10 pounds. Standard connection  $\frac{3}{4}$ -inch. Can be supplied with  $\frac{1}{4}$ -in. Price, No. 3..... each \$2.85  
Price, No. 4..... each 2.45

### Hoffman Quick Vent Float Air Valves



No. 5

Maximum guaranteed operating pressure of 10 pounds with  $\frac{1}{16}$ -inch port. Pipe connection,  $\frac{3}{8}$ -inch female,  $\frac{3}{4}$ -inch male.

No. 5 is intended for venting mains, indirect stacks, and for use under all conditions where water is a factor. It vents all air, closes tightly against steam, and prevents escape of water through vent port. For 1 and 2-pipe gravity systems.

No. 6 is similar to No. 5 and in addition has double air lock feature which prevents intake of air through valve port. For vapor-vacuum systems.



No. 6

No. 5..... 5  
Each..... \$8.35 11.85

### No. 75 Hoffman Float Air Valves



Designed to freely relieve the air from each circuit of the steam supply main of a one-pipe system. The size of the vent port, in relation to the size of vent ports in the radiator air valves, causes steam to first flow through the entire main or mains—closing the No. 75 Valve thermostatically. Steam will then flow to all radiators at a practically uniform rate, providing a balanced heat output throughout the entire job.

The No. 75 is also intended for relieving air from coils, unit heaters, in direct stacks, and other apparatus where steam and water leakage must be prevented. It contains a large area float member which positively closes the port against water leakage.

Vent port,  $\frac{3}{32}$  inch. Connections,  $\frac{3}{4}$  inch male,  $\frac{3}{8}$  inch female. Maximum guaranteed operating pressure, 10 pounds per square inch.

No. 75..... each \$4.45

### Hoffman Air and Vacuum Valves With 6-Speed Adjustable Orifice Vent Port



No. 77

The patented double air lock and separate channels for air and water insure perfect operation should the valve flood with water. With six adjustable vent ports, the speeding up or retarding the heating of a radiator is controlled.

Efficient service is obtained from the nickel silver valve pin.

Maximum guaranteed operating pressure, 10 pounds.

Size connection,  $\frac{1}{8}$  inch.

No. 77, Angle Pattern, Chromium Finish..... each \$2.95

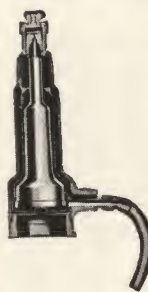
No. 78, Straight Shank Pattern, Chromium Finish..... each 3.45



No. 78

### No. 2 Hoffman Siphon Air and Vacuum Valves

#### With 6-Speed Adjustable Orifice Vent Port



When the radiator is once freed from air, return of air through the vent port is prevented by the double check pattern.

Normally, air vent port is wide open until steam comes in contact with heat sensitive fluid, expanding flexible diaphragm, raising float, and closing vent port. Air check prevents return of air until vacuum formed in valve permits atmospheric pressure, acting through chamber port to force diaphragm upward, raising the float and doubly closing the vent port.

With this valve a one-pipe steam system may be changed into vacuum type. Maximum operating pressure, 10 pounds. Size connection,  $\frac{1}{8}$  inch.

No. 2, Chromium-Plated..... each \$3.60

### No. 16 Hoffman Air and Vacuum Valves



Designed especially for application where there are several steam mains or dry returns requiring quick venting.

It is used on one pipe gravity systems where Hoffman No. 2 or No. 77 Valves are used on the radiators.

This valve can be installed where the pipe lines are run too close to ceiling to accommodate the No. 6. Ends of mains should be 18 inches or more above the water line of the boiler.

Made with the regular Hoffman Double Check against return of air to the system.

Height over all,  $3\frac{3}{8}$  inches.

Can be used on steam pressure up to 10 pounds.

Size of port,  $\frac{1}{16}$  inch; connection,  $\frac{3}{4}$  inch.

No. 16..... each \$4.45

### No. 76 Vacuum Vent Valves



A quick venting float air and vacuum valve.

Has a  $\frac{3}{32}$  inch non-adjustable port.

Connections, double thread  $\frac{3}{4}$ -inch male and  $\frac{3}{8}$ -inch female.

Maximum guaranteed operating pressure, 10 pounds per square inch.

No. 76..... each \$7.45

### No. 1 Marval Syphon Automatic Air Valves



This valve is an all-metal construction and has rapid air eliminating capacity. It assures positive, noiseless and trouble-proof venting of the radiator. The thermostatic action is so sensitive as to distinguish between steam and heated air. The flotation action is positive and prevents any leakage or spitting of water.

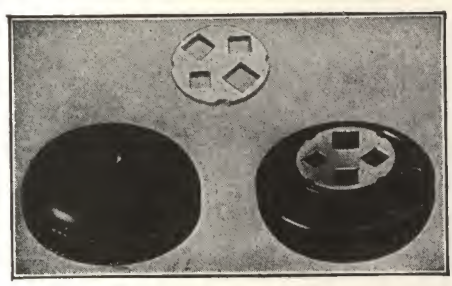
The combination of the fluted syphon and the ample filtering capacity of the valve shell and base keep the valve free of water. Will not water-log. Chrome finish. Made in a  $\frac{1}{8}$ -in. angle pattern for cast-iron radiators;  $\frac{1}{8}$  or  $\frac{1}{4}$ -in. male straight pattern for convection radiators and for venting of piping;  $\frac{3}{4}$ -in. male straight pattern for venting of piping. This size also has the connection tapped  $\frac{3}{8}$  in. female I.P.S. Packed 1 in a box; 12 in a carton.

No. 1..... each \$1.40

BRIDGE PLUMBERS SUPPLY CO.



### 4-In-1 Bakelite Valve Handles



This valve handle of molded bakelite can be used on any popular size of radiator valve, gate valve, and any wheel handle valve.

Nos. 1 and 2 will fit four different valve stems. Nos. 3 and 4 will fit four larger sized stems. Nos. 1 and 3 are for screw assembly valves. Nos. 2 and 4 are for nut assembly valves. Packed 1 dozen in a carton.

Nos. 1 and 2.....each \$.20    Nos. 3 and 4.....each \$.30

### NON-HEATING COMPOSITION VALVE WHEEL

(Patented)



Fig. 457

### CONSTRUCTION

Wheel proper is composed of a special asbestos composition with bottom plate molded permanently therein as a ONE-PIECE WHEEL.

Bottom plate is of brass, moulded in wheel.

Top plate is nickel plated and comes separately.

### STOCK SIZES

No. of Wheel	Outside Diameter	Approximate Valve Size	Square Socket	List Price Per Hund.
1	2 1/4 in.	1/2 in.	8/32 in.	18.75
2	2 3/8 in.	3/4 in.	9/32 in.	19.50
3	2 1/2 in.	1 in.	10/32 in.	20.25
4	2 3/4 in.	1 1/4 in.	11/32 in.	21.00
5	3 in.	1 1/2 in.	12/32 in.	22.50
6	3 1/4 in.	2 in.	13/32 in.	24.75

### WOOD HANDLES FOR RADIATOR VALVES



Fig. 459

**BLACK EBONY FINISH**  
Complete with top and bottom plates  
For 1"-1 1/4"-1 1/2" valves

### POSITIVE AND AUTOMATIC AIR VALVE



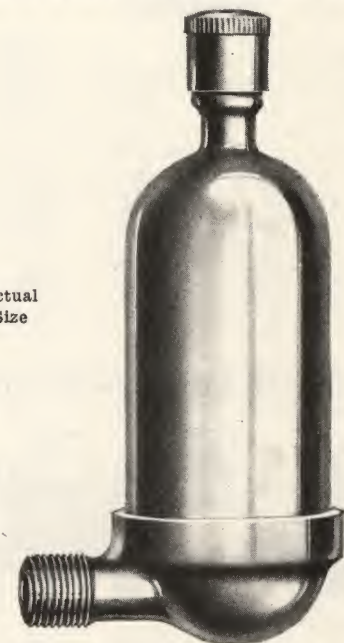
Fig. 420

ACTUAL SIZE

Can be used as a positive valve same as a wood wheel valve or petcock, or as an automatic valve. The locknut can be set after proper adjustment. Particularly good for top of risers.

Will not close against water.

### CARBON POST AUTOMATIC AIR VALVE



Actual Size

Fig. 419

With HEAVY CAST Brass Base  
Will Fit All Types of Radiators  
Also Furnished in  
Straight Pattern Threaded 1/8 or 1/4

### NON AUTOMATIC CELLAR DRAINER

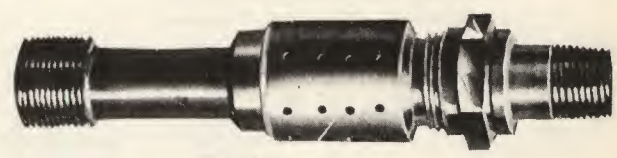


Fig. 540

Is unusually simple in construction. Efficient in operation and will take care of large drainage requirements rapidly. Will do the work of any automatic drainer. To operate, it is only necessary to turn the water on and off. Made with 1/2-inch I. P. supply pipe or for rubber hose connections.

Supplied for hose unless otherwise ordered.



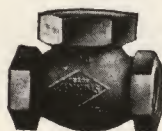


## Jenkins Bronze Check Valves

Standard Pattern

Horizontal and Angle

For 150 Pounds Steam Working Pressure or 250 Pounds Non-Shock Oil, Water, Gas Working Pressure



No. 117-A, Horizontal Screwed



No. 118-A, Angle Screwed

The one-piece screw-over bonnet is of exceptional strength.

Solid one-piece construction permits ease in taking off and replacing the bonnet over and over again without danger of distorting or springing it.

Size Inches	EACH		Face to Face Flanged, In. Horiz.	Center to Face Flanged Angle Inches	Thick ness-Flanges Inches
	No. 117-A Horiz. Angle Screwed	No. 316-A Horiz. Angle Flanged			
1/8	\$2.40	.....	...	...	...
1/4	2.60	.....	...	...	...
3/8	2.90	.....	...	...	...
1/2	3.20	\$8.70	3 7/16	2 1/4	5 1/16
3/4	4.20	10.80	3 7/8	2 1/16	1 1/2
1	5.80	14.40	4 3/8	2 1/8	3 3/8
1 1/4	8.00	17.25	4 7/8	2 7/8	13 3/2
1 1/2	11.00	21.60	5 1/2	3 3/16	7 1/16
2	16.00	32.40	6 1/2	3 3/4	1 1/2
2 1/2	30.00	50.00	7 1/2	4 5/16	9 1/16
3	46.00	69.00	8 7/8	4 5/8	5 5/8

## Jenkins Bronze Swing Check Valves

For 250 Lbs. Non-Shock Oil, Water, Gas, or 150 Lbs. Steam



No. 352, Screwed



No. 353 Flanged

Size Inches	PRICE, EACH		Size Inches	PRICE, EACH	
	No. 352 Screwed	No. 353 Flanged		No. 352 Screwed	No. 353 Flanged
1/4	\$3.80	.....	1 1/4	\$11.00	\$25.00
3/8	4.00	.....	1 1/2	14.30	30.00
1/2	4.40	\$12.00	2	21.30	45.00
3/4	5.80	14.00	2 1/2	40.00	69.00
1	7.80	16.00	3	60.00	98.00

## Brass Expansion Joints

Screwed, Standard Traverse



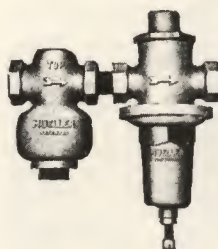
No. 742

Size In.	EACH		Traverse In.	Size In.	EACH		Traverse In.
	1/2	3/4			1 1/2	2 1/4	
1/2	\$1.50	2	1 1/2	\$5.00	2 1/4	2 1/2	2 1/4
3/4	2.20	2 1/4	2	8.00	2 1/2	2 1/2	2 1/4
1	3.00	2 1/4	2 1/2	14.00	2 1/2	2 1/2	2 1/4
1 1/4	4.00	2 1/4	3	21.00	2 1/2	2 1/2	2 1/4

## Screwed, Special Traverse

Size In.	EACH			
	4	6	8	12
1/2	\$3.30	.....	.....	.....
3/4	4.00	\$5.00	\$6.00	\$8.00
1	4.90	6.00	7.25	9.50
1 1/4	6.15	7.50	9.00	12.00
1 1/2	7.40	9.00	10.75	14.50
2	11.00	13.00	15.25	19.50
2 1/2	17.50	20.50	23.00	28.00
3	25.00	29.00	32.00	37.50

## No. 9000 Mueller Water Reducing and Regulating Valves



This valve is suitable for reducing pressures on cold water services from a maximum of 250 pounds to a delivery pressure of 20 to 75 pounds. By giving the No. 9000 a full seat opening and equipping it with a special reinforced rubber diaphragm, a valve has been produced that will give a maximum flow of water, close regulation and continued efficient service.

This valve will maintain a steady pressure at the faucet regardless of the pressure at the inlet side. All working parts are easily accessible. It is not necessary to remove the valve from the line if replacements become necessary.

Size In.	Approx. Shipping Wt. Lbs.	Each	Size In.	Approx. Shipping Wt. Lbs.	Each
1/4	2 3/4	\$17.28	1 1/4	48	\$54.00
3/8	5 1/4	18.00	1 1/2	73	72.70
1/2	8	18.00	2	114	105.30
3/4	12	19.36	2 1/2	200	136.00
1	18	31.14	...	...	.....

## Consolidated American Portable All Bronze Pop Safety Valves

A.S.M.E. Standard—High Capacity

For Steam Working Pressure to 300 Pounds

All threaded connections are standard iron pipe size threads.

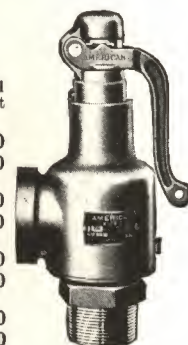
British standard pipe threads furnished without additional cost. Semi-finished.

If desired that valve be arranged for lock and furnished with lock, add 10%.



Type 1445

Size In.	Type 1445 Top Outlet Each	Type 1451 Side Outlet Each
1/2	\$8.00	\$10.00
3/4	8.00	10.00
1	10.00	12.00
1 1/4	12.00	15.00
1 1/2	15.00	\$18.00
2	23.00	27.00
2 1/2	38.00	43.00
3	65.00	72.00



Type 1451

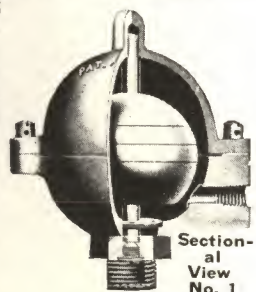
## Red Top Relief Valves

Valves are of bronze with special nickel piston held to seat by lead ball. Operates on the gravity principle.

No. 1 relieves pressure in domestic hot water supply before danger point is reached; No. 2 is the basis of an efficient pressure hot water heating system; No. 3 is used on smaller house systems of pressure hot water heating, on all hot water heating systems up to 1200 feet radiation.

No. 1 can be set to relieve at 50, 75, 100 and 130 pounds; Nos. 2 and 3 at 30 pounds.

No.	Each	Size, In.
1	\$6.00	1 1/2
2	15.00	1
3	6.00	1 1/2



Sectional View No. 1



# U.S. Standard Hot Water Thermometers



No. 571

Made of heavy gauge steel, with scale reading imprinted directly on frame surface located in front plane of glass. Steel frame or scale plate is integral with supporting ferrule carried by well. Glass tube is rearwardly housed by a recess in scale plate and does not project beyond front or rear plane of scale plate. This construction affords maximum strength and ease of reading.

Standard graduations, 40° or 60° to 240° or 260° F. Finishes, vitreous enamel or Duco. Either mercury or red spirit tubes furnished.

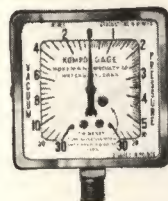
Have 1/2-inch male connections.



No. 572

No. 571, Straight Type.....each  
No. 572, Angle Type.....each

## No. 14G Hoffman Kompo Gauges

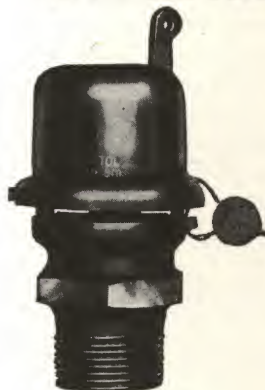


The Hoffman Kompo Gauge accurately indicates the pressure or vacuum conditions under which the plant is operating.

Pressure is measured up to 30 pounds, the first 5 pounds being shown in ounce graduations, with a retard from 5 to 30 pounds. Vacuum is shown up to 30 inches, the first 10 inches indicated in 1/2-inch graduations, with a retard from 10 to 30 inches.

No. 14G, with 1/4-Inch Pipe Connection.....each \$4.95

## No. 270 Low Pressure Pop Safety Valves



For house heating boilers with pressures up to 15 pounds. No adjustment can be made after valve is sealed. Fitted with iron base which prevents undue pressure on seat when making connection to boiler.

Furnished in Parker Rust-proofed High Lustre Baked Enamel Finish up to 2-inch size; larger sizes with lacquered brass cases.

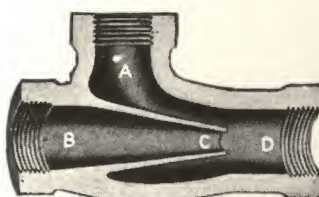
Size Inches	Price Each	Size Inches	Price Each
1/2	\$5.00	2	\$11.25
3/4	5.25	2 1/2	26.00
1	6.00	3	37.50
1 1/4	6.75	3 1/2	50.00
1 1/2	8.25	4	80.00

## McDaniel Suction Tees

A fitting that will stop one steam connection from backing up on another.

Not to be used to lift liquids.

Made of cast iron.



## Standard Tees

For 100 Lbs. Steam Working Pressure

Size In.	Each	Size In.	Each
1/2	\$1.50	1 1/2	\$2.75
3/4	1.50	2	3.50
1	2.00	2 1/2	5.50
1 1/4	2.25	3	8.00

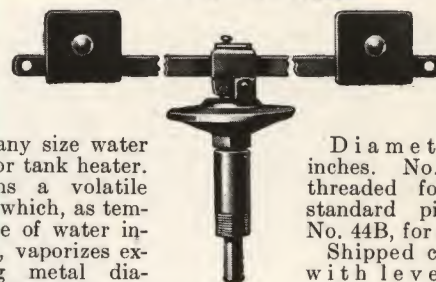
## Extra Heavy Tees

For 250 Pounds Steam Working Pressure

Size In.	Each	Size In.	Each
1	\$3.50	3	\$16.00
1 1/4	4.50	3 1/2	21.00
1 1/2	5.50	4	27.00
2	7.50	5	43.00
2 1/2	11.00	6	60.00

## Deegan All-Metal Damper Regulators

No. 44—For Hot Water

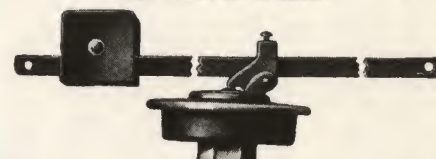


For any size water boiler or tank heater. Contains a volatile liquid, which, as temperature of water increases, vaporizes expanding metal diaphragm thereby operating regulator arm.

Nos. 44A or 44B.....each \$14.00

Diameter, 4 5/8 inches. No. 44A is threaded for 1-inch standard pipe size; No. 44B, for 3/4 inch. Shipped complete with lever, two weights, chain, hooks and pulleys.

## No. 77—For Steam



A powerful regulator which is extremely sensitive and durable. With lever and doors properly balanced, it will operate on a few ounces pressure from 0 to 6 pounds.

Diaphragm is of an exclusive design and made of a special copper, silicon and manganese alloy that is comparable to steel in strength and resistant to corrosion.

Tapped 1-inch standard pipe size; diameter, 6 inches.

With lever, one weight, chain, hooks and pulleys.

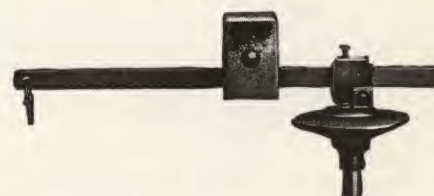
No. 77.....each \$9.00

## No. 9—For Steam

For large boilers, No. 9 regulator, which is 8 inches in diameter but identical to No. 77, is recommended.

No. 9.....each \$14.00

## No. 55 Deegan Tank Heater Temperature Regulators

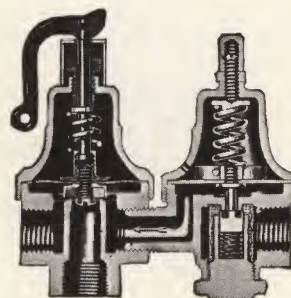


Made of metal. Contains a volatile liquid, which, as temperature of water increases, vaporizes expanding metal diaphragm, thereby operating regulator arm. Regulator arm opens or closes draft automatically maintaining uniform temperature of water.

With lever, chain, weight and hooks, also instructions.

No. 55, Shipping Weight, 6 Pounds.....each \$8.00

## No. 450 Watts Hot Water Heating Regulators



A small, compact, all-bronze regulator with integral strainer.

Has a well-designed reducing valve and A. S. M. E. standard lever-type diaphragm relief valve with monel metal diaphragm.

Embodies every feature for full protection of the system.

Size, 1/2-inch I.P.S. female connections.

No. 450, Weight, 3 Pounds.....each \$9.90





### Excelso Indirect Water Heaters



Single Coil

Consists of cast iron shell open at one end with heavy copper coil within. Single coil heaters are equipped with 3 unions.

When used with a steam or vapor boiler, both shell openings are connected below the water line. This allows the boiling water (not steam) from the boiler to flow through the shell heating the domestic water circulating in the copper coil. Can be connected to any steam or vapor heating boiler. May also be used with live steam.

#### Single Coil

No.	Each	Lgth. In.	Wdth. In.	Diam. In.	Shell Open- In.	Coil Open- In.	C. to C. Open- In.	CAP. TANK, GALS.			
								BELOW WATER LINE	WITH LIVE STEAM	WITH SHIP.	
								*Hand Fired	†Auto. Fired		
**Jr.	\$5.40	10 1/2	..	5	1	3/4	5 3/4	30	....	40	11
Jr.	6.76	10 1/2	..	5	1	3/4	5 3/4	30	....	40	13
11	8.92	12 3/8	..	5	1	3/4	7 1/8	30	....	50	14
12	11.74	15 3/4	..	5	1	3/4	10 1/2	40	....	75	20
12A	15.10	18	..	5	1	3/4	13	52	30	100	23
13	17.90	14 1/4	..	6 1/2	1 1/2	1	7 5/8	66	40	125	31
14	22.12	18	..	6 1/2	1 1/2	1	11 3/8	82	52	160	37
14A	26.88	20 5/8	..	6 1/2	1 1/2	1	14	100	66	200	42
15	32.16	21 1/8	..	6 1/2	1 1/2	1	15 1/4	120	82	225	44
16	38.50	26	..	6 1/2	1 1/2	1	19 1/4	144	100	250	56

#### Double Coil

25	42.24	12 1/2	..	9	2	1 1/2	6 3/8	160	120	300	65
26	50.68	15	..	9	2	1 1/2	8 7/8	192	144	400	70
27	69.30	19	..	9	2	1 1/2	13 3/8	300	160	600	90
28	92.40	23 1/4	..	9	2	1 1/2	17 3/4	400	192	750	100

#### Triple Coil

34	115.50	18 3/4	..	13 3/4	3	2 1/2	11 1/2	500	300	900	210
35	138.60	21	..	13 3/4	3	2 1/2	13 3/8	600	400	1200	230
36	184.80	25	..	13 3/4	3	2 1/2	17 3/4	800	500	1500	255
37	231.00	29	..	13 3/4	3	2 1/2	21 1/2	1000	600	1750	280

#### Dual Coil

42	277.20	21 1/2	26	13 3/4	4	3	13 5/8	1200	1000	2000	425
44	351.12	25 1/4	26	13 3/4	4	3	17 3/4	1600	1200	2500	490
46	392.70	29 1/4	26	13 3/4	4	3	21 1/2	2000	1600	3000	500
48	462.00	35 1/4	26	13 3/4	4	3	27 1/2	2500	2000	4000	620

\*Capacities based on temperature rise 40°F. to 140°F. in 3 hours, boiler water at 212°F.

†Capacities based on temperature rise 40°F. to 140°F. in 3 hours, boiler water at 180°F. Ratings apply when horizontal storage tank is used and located entirely above top of Excelso Heater.

‡Capacities based on temperature rise 40°F. to 140°F. in 3 hours. Steam at 0 lbs. pressure.

\*\*Without unions.

### Excelso Fire Pot Generators



Fits hot water boilers or hot air furnaces; designed to be above fire. Tappings, 1 inch.

No.	1	2
Cast Iron....each	\$5.04	\$7.56
Brass.....each	11.34	17.02
Galv. Iron....each	6.30	9.46
Capacity.....gals.	To 40	40-60

### Excelso Fin-Pin Water Heaters



An efficient hot water supply heater for down in the fire pot of warm air furnaces and hot water heating boilers.

The fins allow air passage around heater, thus avoiding deadened fire.

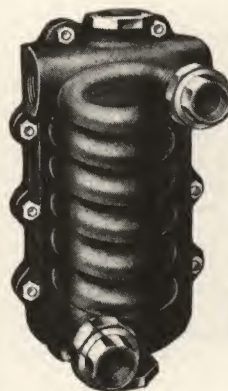
Well designed for quick circulation. Easy to install.

The heater has 4 tappings to meet all requirements.

Made in cast iron or brass.

No.	EACH		Capacity Gallons	Tappings Inches
	Iron	Brass		
30	\$1.64	\$5.78	30	1 or 3/4
40	2.32	7.44	40	1 or 3/4

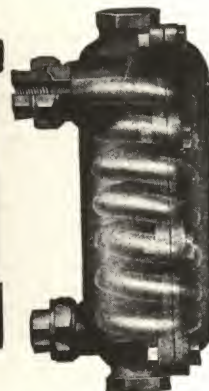
### General Indirect Water Heaters



No. 2A-3-4-4A



No. 5-6-6A-7-8



No. Jr.-1-2

This heater has a heavy copper coil expanded directly into shell. Brass union swivel ball joint connection direct with flared end of copper coil.

The clean out cover is entirely separate from pipe connections.

The boiler connections on end allow heater to point directly toward storage tank.

Round corners of the shell increase circulation and prevent collection of sediment.

All bolts and union nuts are cadmium-plated to prevent rusting.

#### How to Determine Correct Size Heater to Use

Size heater should be determined by the amount of hot water required rather than by the capacity of storage tank.

We suggest figuring on heater capacity of thirty gallons per family or apartment where there is one bath. For large families or where there are extra baths for guests or where there are servants, figure not less than fifty gallons capacity per family.

When storage tank capacity is too small, use over-size heater.

Allowance should also be made if there is a circulating system or if hot water is used for other purposes, such as dish warming, towel racks, etc.

#### Installation Suggestions

Locate heater so that top connection is one to three inches below water line of boiler.

Pipe connections should be made full size of tapped openings in heater and have as few ells and turns as possible. Allow liberal pitch to all piping.

Locate tank as high as possible and connect heater supply line to top of tank or directly into tee on domestic supply line right close to tank.

Draw offs and valves should be used on both boiler and tank circuits.

CAP. GAL. HEATED IN 3 HRS. FROM 40° TO 140°								
Size No.	Hot Water Boilers			Live Steam 2 Lbs. Pressure	PIPE SIZE INCHES		Over All Dimensions Inches	Wt. Lbs.
	Coal Fired 212°	Automatically Fired 180°	Fired 160°		Tank Conn.	Boiler Conn.		
Jr.	30	...	...	50	3/4 or 1/2	1	5 3/4 x 9	13
1	35	...	...	60	3/4	1	5 3/4 x 10 1/4	15
2	40	25	...	75	3/4	1	5 3/4 x 12 1/2	20
2A	52	30	...	100	1	1 1/4	7 1/2 x 12 1/2	25
3	66	40	25	125	1	1 1/4	7 1/2 x 13 3/4	31
4	82	52	30	150	1	1 1/4	7 1/2 x 16 1/4	36
4A	100	66	40	175	1	1 1/2	7 1/2 x 18 3/4	44
5	120	82	52	225	1 1/4	1 1/2	9 x 18	60
6	150	100	66	275	1 1/4	2	9 x 22	70
6A	200	120	82	325	1 1/2	2	12 x 22	85
7	250	150	100	400	1 1/2	2	12 x 25	100
8	350	200	132	550	2	2 1/2	13 3/4 x 25	135

Prices Upon Application





**Blake Tripod Range Boiler Stands**

No. K-1300



This stand requires no adjustment. Is reversible for 30 and 40-gallon boiler. Easily knocked down and formed into a handy package. Weight, 6 lbs. Prices upon application.

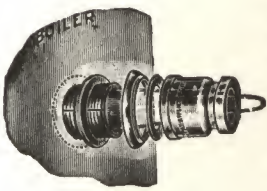
**No. J-48 Ideal Universal Range Boiler Stands**



Fits any size or make of tank. Just screw into the bottom of any range boiler and turn the lock plate up against bottom of boiler. No screws or bolts. Only 4 parts, all in sealed box ready to use. The 1-inch end that connects to boiler is threaded 1 inch tapered standard I.P. thread, 3/4-inch long; balance of thread 1 5/8 inches long, threaded 1-inch over-size straight thread for lock nut. Aluminum finish. Tee pieces galvanized. Packed 1 in a labeled carton, weight 7 pounds. Sizes of tee pieces, 3/4x1/2, 3/4x3/4, 1x3/4, and 1x1 inch. No. J-48.....each \$2.25

**Ideal Boiler Spuds**

(PATENTED)



Ideal Boiler Spuds assure an easy, economical, and reliable means of installing gas or indirect water heaters.

The spud consists of two halves and when registered with each other consists of a full and complete circular flange with a threaded stem, together with two gaskets, a brass

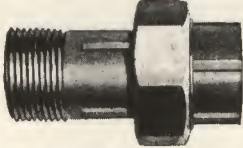
packing ring, and a brass coupling. These connections are made of brass.

1/2-Inch, in Sets of 2.....	per set	\$1.60
3/4-Inch, in Sets of 2.....	per set	1.60
1-Inch, in Sets of 2.....	per set	1.70
1 1/4-Inch, Not Packed in Sets.....	each	2.00
1 1/2-Inch, Not Packed in Sets.....	each	2.00

**Trenton Brass Boiler Couplings**  
Malleable Pattern



No. C40 1/2, Bent



No. C40, Straight

Spud	Tail Piece	Spud Tapping for Tube	No. C40 1/2 Bent Each	No. C40 Straight Each
1" I.P.M. x 1/2" I.P.F. x 1/2" I.P.F.			.....	.....
1" I.P.M. x 3/4" I.P.F. x 1/2" I.P.F.			.....	.....
1" I.P.M. x 1/2" I.P.F. x 3/4" I.P.F.			.....	.....
1" I.P.M. x 3/4" I.P.F. x 3/4" I.P.F.			.....	.....

To insure getting correct size couplings, specify sizes in the order shown above.

**Cash Acme Diaphragm Type Pressure Relief Valves**

For Hot or Cold Water and Air



Type FH

**Type FH** for hot or cold water and air. Bronze body, forged bronze spring chamber; laminated bronze diaphragm; non-sticking seat; renewable seat disc; unobstructed discharge, full pipe size; male inlet, female outlet. Any pressure setting up to 150 pounds, except on 1-inch size, which will take setting up to 125 pounds.

Size.....inches	1/2	3/4	1
Each.....	\$4.60	8.60	20.70

**Type FH-L** same as Type FH except with try-lever for manual testing. Lever works through sealcap.

Size.....inches	1/2	3/4	1
Each.....	\$5.20	9.20	21.85

**No. 75 Cadwell Relief Valves**



Designed for use on range boilers or hot water storage tanks where a competitive relief valve is desired.

Manufactured with fuse plug (for temperature release) or without, unless otherwise specified valve will be shipped with fuse plug. Is not self closing after temperature release. Is adjustable from 75 to 150 pounds pressure.

May be taken apart for inspection or to renew fuse plug, without disturbing supply pipes. Gives accurate release at all settings.

Iron pipe size, 1/2 inch.

No. 75.....	each	\$2.65
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**No. C-152 Kitco Combination Boiler Drain and Pressure Relief Valves**

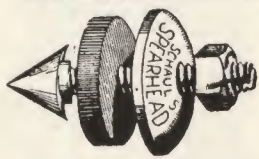


Operating range, 100 to 150 pounds. Factory-set. Will relieve the pressure at the highest number (pounds) marked on the bonnet dial. The indicator handle points to the pounds pressure at which the valve will relieve.

Can be furnished with male or female inlet.		
I.P.S.....inches	1/2	3/4
No. C-152.....	each	\$1.45 1.55

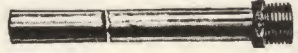
**Schau's Spearhead Boiler Repair Plugs**

Bolt and head made of steel, hardened and rustproofed. Rubber washer made of the best material, and will not be affected by heat. Threads will not strip, and head cannot rust or shear off. Each plug is a tool in itself.



Per Dozen.....\$4.00

**No. 2348 Scovill Range Boiler Tubes**



The 48-inch tube is furnished in 20 and 22 B.&S. gage, 54-inch tube in 20 and 25 B.&S. gage. Outside diameter, 5/8 inch. Has 1/2-inch iron pipe size bushing; unfinished. Length.....48 54 No. 2348.....each .. ..

BRIDGE PLUMBERS SUPPLY CO.







**BRIDGE**

**PLUMBERS SUPPLY CO.**

**1139 SECOND AVENUE, NEW YORK**

### Copper Range Boilers Vertical and Horizontal



Copper range boilers are tested under pressure and comply with Massachusetts regulations.

Regularly furnished with Hi-Low tapping, five 1-inch, arranged two in the head in line with two in the side opposite the seam, one 6 inches from the top line of boiler, and the other 6 inches from the bottom line of boiler; and one in the center of bottom.

Can be furnished tapped old style—four 1-inch, two in head, one on side, and one in bottom.

Additional charge is made for tapplings in excess of five, and for tapplings larger than 1 inch.

Horizontal boilers take same list as vertical boilers.

Stand for pipe legs is included at no extra charge.

Capacity Gallons	TEST PRESSURE, LBS.			Diameter Inches	Length Feet
	200	250	350		
	WORKING PRESSURE, LBS.				
	85 Each	106 Each	148 Each		
25	\$34.00	\$39.00	\$45.00	12	4
30	36.00	44.00	52.00	12	5
40	48.00	56.00	66.00	14	5
50	65.00	75.00	92.00	16	5
60	85.00	96.00	114.00	18	5
80	116.00	130.00	154.00	20	5
100	140.00	160.00	200.00	22	5

### Monel Range Boilers

Cannot rust; resists every form of corrosion; forms no verdigris; is as clean inside as it is outside.

This boiler is also tough in structure, resistant to the ravages of ordinary wear.

It is submitted to a much higher hydrostatic pressure in the plant than it will ever meet in actual service.

Price does not include stand.

Thermostat tapping extra.

#### 85 Pounds Actual Working Pressure 200 Pounds Test Pressure

Capacity Gallons	Each	Shipping Weight Pounds
25	\$34.00	67
30	36.00	69
40	48.00	95
50	65.00	125
60	85.00	145
80	116.00	180
100	140.00	230

#### 106 Pounds Actual Working Pressure 250 Pounds Test Pressure

Capacity Gallons	Each	Shipping Weight Pounds
25	\$39.00	72
30	44.00	73
40	56.00	109
50	75.00	140
60	96.00	170
80	130.00	200
100	160.00	250

#### 148 Pounds Actual Working Pressure 350 Pounds Test Pressure

Capacity Gallons	Each	Shipping Weight Pounds
25	\$45.00	79
30	52.00	81
40	66.00	120
50	92.00	155
60	114.00	195
80	154.00	220
100	200.00	270



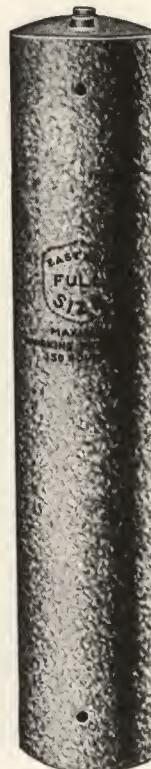
### Galvanized Range Boilers

Working Pressures: Standard, 85 Pounds; Extra Heavy 150 Pounds; Double Extra Heavy, 150 Pounds

#### Vertical



Standard



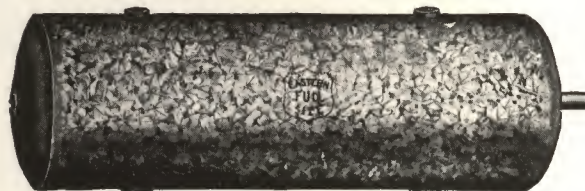
Extra Heavy



Double Extra Heavy  
Guaranteed for 6  
Years Service

Regularly tapped: five 1-inch, arranged 2 in head, in line with 2 in the side, opposite the seam; one 6 inches from the top line of boiler; and the other 6 inches from the bottom line of the boiler; and 1 in the center of the bottom. Additional charge is made for tapplings in excess of 5, and for tapplings larger than 1 inch.

#### Horizontal



Five 1-inch tapplings to be considered as standard for horizontal range boilers.

Size Inches	Capacity Gallons	Price Each	Size Inches	Capacity Gallons	Price Each
12x36	18	\$14.50	18x60	66	\$38.00
12x48	24	15.75	20x60	82	45.50
12x60	30	19.00	22x60	100	63.50
14x48	32	21.00	24x60	120	72.50
14x60	40	24.00	24x72	144	103.00
16x48	42	26.00	24x96	192	132.00
16x60	52	31.00	.....	.....	.....

**SUPPLIES FOR PLUMBERS AND STEAMFITTERS**

**BRIDGE**





### Barber's Hot Water Boilers and Stands



For use in barber and butcher shops and in many places where hot water is not furnished by the main building supply. Made in both standard and extra heavy grades.

Where water supply is metered, safety valves should be used. Has two 1-inch I.P. tapings in top.

#### Boilers

Gallons	Diam. In.	Ht. In.	Each
5	9	16	\$8.00
8	10	20	8.50
5	12	10	8.00
10	12	20	9.00
12	14	20	10.00

Also furnished in copper in the same sizes, prices upon application.

#### Stands

Height, 6 inches.  
9, 10 and 12-Inch  
Diameters each \$1.50  
14-Inch Diameter  
.....each 2.00  
Gas Burners each 1.50



### J-M Pre-Shrunk Asbestocel Range Boiler Jackets



This jacket is highly effective in keeping hot water hot. Easily applied. Made of waterproofed asbestos felt. It eliminates shrinkage troubles and maintains indefinitely its initial high insulating efficiency.

It is a 3-ply flexible sheet, approximately  $\frac{3}{4}$  inch thick, furnished in 2 full-round sections, each one-half the height of the boiler. Each section is slit vertically and silicated for a distance of approximately 3 in. back from the vertical edges. The corrugations are pressed flat for a distance of 2 in. from the top of the top section and 2 in. from the bottom of the bottom section to insure a satisfactory fit over horizontal rivets.

Standard jackets are available for boilers of 30, 40, 52, 66, 82, and 100-gallon capacity.

Furnished either with a clean, white asbestos paper finish which may be painted if desired, or, where appearance is particularly important with a de luxe non-fading aluminum finish.

Four pounds of J-M No. 0352 Asbestocel Cement furnished with each jacket for covering the range boiler top.

Three 2-inch wide black lacquered bands and 10 aluminum staples are also furnished.

Each jacket, with accessories, is packed in a carton.

Shipping weights are approximately as follows: 30-gallon size, 21 pounds; 40-gallon, 23 pounds; 52-gallon, 25 pounds; 66-gallon, 26 pounds; 82-gallon, 33 pounds; 100-gallon, 33 pounds.

Rapid application is one of the outstanding features of J-M Asbestocel Jackets; directions accompany each jacket. Prices upon application.

### Merion Automatic Storage Gas Water Heaters



A simple and fool-proof heater which is easier to install than a range boiler. Has only one gas and two water connections to make, saving labor and fittings. All adjustments are made at the factory and permanently set.

Storage tank is extra heavy electric weld construction; body is heavy steel.

No. 0; for small apartments, barber shops, drug stores, etc.

No. 1; for small homes and apartments with one bath.

No. 2; for the average modern home with kitchen, bath and laundry.

No. 3; for homes larger than average, or 2-apartment dwellings.

No. 4; for homes equipped with 2 bathrooms, shower or 2 apartments with average families.

Nos. 6 $\frac{1}{2}$  and 10; to be used where the demand for hot water is unusual—large homes with individual baths, restaurants and small apartment houses.

No.	Each	Capacity Gallons	Heater Dimensions Inches	Approximate Shipping Weight Pounds
0	\$59.32	7 $\frac{1}{2}$	19 $\frac{3}{4}$ x27 $\frac{3}{8}$	135
1	66.70	15	19 $\frac{3}{4}$ x45 $\frac{1}{2}$	183
2	71.90	20	21 $\frac{3}{4}$ x45 $\frac{1}{4}$	224
3	85.72	30	23 $\frac{3}{4}$ x49 $\frac{3}{8}$	269
5	109.72	40	23 $\frac{3}{4}$ x59 $\frac{1}{2}$	304
6 $\frac{1}{2}$	180.00	65	26 $\frac{1}{4}$ x69 $\frac{1}{2}$	534
10	235.92	100	34 x69 $\frac{1}{2}$	638

\*Added 5 $\frac{3}{4}$  inches for legs.

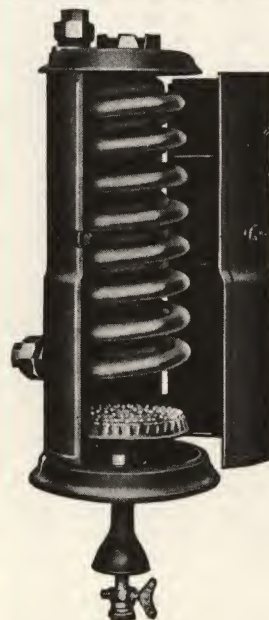
### Rex Double Copper Coil Water Heaters

Jackets are heavy, of cast iron construction, finished in black japan. Hinged door opens wide. The flared design keeps heat around coils. Has nickel-plated knob and spring latch.

Copper coils are made of heavy gage seamless copper tubing. They are brazed into large brass connectors, which permit quick circulation of water as it is heated. These coils are spaced right and baffled to absorb and retain the heat. Burner is of the Bunsen type, one-piece cast iron construction. Can be lifted off for cleaning. Each port is drilled

and raised, allowing secondary air to mix with gas from each individual port.

Gas connection,  $\frac{1}{2}$  inch; water connection,  $\frac{3}{4}$  inch; flue connection, 3 inches. Outlet connection, standard galvanized union; inlet connection. Universal Galvanized Speed Union. Brass unions furnished at a small additional cost.



No.	Each	Cap. Gals.	Input B.T.U. Hr.	Recovery per Hr.	Coil Lgth. Ft.
*20	....	20-30	22500	31.5	13 $\frac{1}{2}$
30-G	....	20-30	22500	31.5	13 $\frac{1}{2}$
31-G	....	20-30	22500	31.5	13 $\frac{1}{2}$
*46	....	30-40	25000	35.0	16 $\frac{1}{4}$
46-G	....	30-40	25000	35.0	16 $\frac{1}{4}$
*25	....	30-50	27500	38.5	17 $\frac{1}{2}$
40-G	....	30-50	27500	38.5	17 $\frac{1}{2}$
*26	....	30-60	27500	38.5	20 $\frac{1}{2}$
50-G	....	30-60	27500	38.5	20 $\frac{1}{2}$
70-G	....	30-70	27500	38.5	23

\*Not equipped with unions.

†Ratings are for natural gas. They are higher when manufactured gas is used.

BRIDGE PLUMBERS SUPPLY CO.





# BRIDGE

# PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK

## Gloco Red Band Tank Heaters



No. 40, Flat Top



No. 140, Laundry Top

This tank heater is guaranteed to withstand a maximum pressure of 125 pounds.

It is equipped with special small mesh triangular grate bar which permits the burning of No. 1 buckwheat or pea coal.

The base is amply deep. Has butterfly draft control door in ashpit door which assures perfect control of the fire at all times by hand or by regulator.

A baffled water section prevents the cold water entering the heater, from coming in contact with water which has already been heated.

Also has smoke pipe control damper and a 6-inch fire brick ring. The brick ring insulates against heat loss and holds fire from 15 to 18 hours.

The capacity in gallons is based on 100° temperature rise in 4 hours, with hard coal.

Cap. Gal.	Flat Top		Lifetime		Actual Grate Diam. Inches	Heater Height Inches
	No.	Standard Each	No.	Each		
52 Plain	40	\$12.00	X40	\$16.00	10	19 1/4
52 Copper	40	14.00	X40	18.00	10	19 1/4
52 Galv.	40	18.50	X40	22.50	10	19 1/4
52 Brass	40	44.00	X40	48.00	10	19 1/4
66-82 Plain	60	15.50	X60	19.50	10	21 1/4
66-82 Copper	60	18.50	X60	22.50	10	21 1/4
66-82 Galv.	60	23.00	X60	27.00	10	21 1/4
82-100 Plain	80	17.50	X80	24.50	12	21 1/2
82-100 Copper	80	21.50	X80	28.50	12	21 1/2
82-100 Galv.	80	26.00	X80	33.00	12	21 1/2
82-100 Brass	80	54.00	X80	61.00	12	21 1/2
100-120 Plain	100	22.00	X100	26.00	10	24 3/4
100-120 Copper	100	24.00	X100	28.00	10	24 3/4
100-120 Galv.	100	28.50	X100	32.50	10	24 3/4
100-120 Brass	100	75.00	X100	79.00	10	24 3/4
125-150 Plain	125	27.00	X125	34.00	12	26 1/2
125-150 Copper	125	31.00	X125	38.00	12	26 1/2
125-150 Galv.	125	40.00	X125	47.00	12	26 1/2
125-150 Brass	125	77.00	X125	84.00	12	26 1/2

Laundry Top						
52 Plain	140	\$18.00	X140	\$22.00	10	22
52 Copper	140	20.00	X140	24.00	10	22
52 Galv.	140	24.50	X140	28.50	10	22
52 Brass	140	50.00	X140	54.00	10	22
66-82 Plain	160	21.50	X160	25.50	10	24
66-82 Copper	160	24.50	X160	28.50	10	24
66-82 Galv.	160	29.00	X160	33.00	10	24
82-100 Plain	180	23.50	X180	30.50	12	24½
82-100 Copper	180	27.50	X180	34.50	12	24½
82-100 Galv.	180	32.00	X180	39.00	12	24½
82-100 Brass	180	60.00	X180	67.00	12	24½
100-120 Plain	1100	28.00	X1100	32.00	10	27
100-120 Copper	1100	30.00	X1100	34.00	10	27
100-120 Galv.	1100	34.50	X1100	38.50	10	27
100-120 Brass	1100	80.00	X1100	84.00	10	27
125-150 Plain	1125	33.00	X1125	40.00	12	29¼
125-150 Copper	1125	37.00	X1125	44.00	12	29¼
125-150 Galv.	1125	46.00	X1125	53.00	12	29¼
125-150 Brass	1125	82.00	X1125	89.00	12	29¼

### Extras

Base Bottom and Legs (3) on 10-Inch Grate Heater, Add. \$2.00  
Base Bottom and Legs (3) on 12-Inch Grate Heater, Add. \$3.00

## Gloco Red Band Tank Heaters

### Standard Dome Top Type



No. 73

Extra large, high domes contain great amount of water and heating surface; designed to resist high pressures.

Large feed and ashpit doors permit easy firing of heater and easy removal of ashes.

Furnished with plain, coppered, galvanized, or red brass water sections.

Nos. 43 to 153 inclusive, except No. 54, are equipped with 6-inch fire brick ring. No. 54 has 4-inch fire brick ring.

May be equipped with legs and cast iron ashpit bottom.

No.	Plain Each	Copper Each	Galv. Each	Brass Each	*Cap. Gals.	Actual Diam. Grate In.	Smoke Pipe Size In.	Height of Area Heater Sq. Ft. In.	Outlets and Returns In.	
43	\$11.00	\$13.00	\$16.50	\$54.00	52	10	5	.55	19½	2-1
54	14.00	16.50	22.00	61.00	66	10	5	.55	20	2-1
73	17.25	19.00	24.50	64.00	82	10	5	.55	22	2-1
103	22.00	24.50	32.00	72.00	100	12	5	.79	24¼	2-1
123	26.00	31.50	36.50	95.00	125	10	5	.55	24½	2-1½
153	32.50	38.00	43.00	100.00	150	12	5	.79	26¾	2-1½
225	43.00	50.00	57.00	245.00	225	12	6	.79	33½	3-1½
350	57.00	65.00	78.00	295.00	350	13	6	.92	35	3-1½

\*Based on 100 degrees temperature rise in 4 hours, with hard coal.

## No. 65-M Gloco Red Band Tank Heaters

### Magazine Feed Type



Requires but half the attention usually necessary to operate tank heater; necessary only to add fuel and remove ashes every 48 hours.

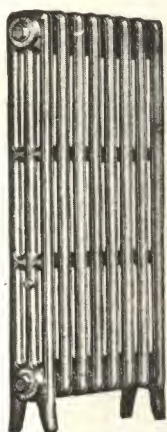
Furnished with plain cast iron or porcelain enameled water section; equipped with No. 1 Gloco hot water temperature regulator, red asbestos jacket, and 6-inch fire brick ring.

Capacity, based on 100 degrees temperature rise in 4 hours, with hard coal, 66 gallons; diameter fire chamber, 11 inches; smoke pipe size, 5 inches; height of heater, 29 1/2 inches; height with legs, 34 1/2 inches; tapings, 2-1 inch.

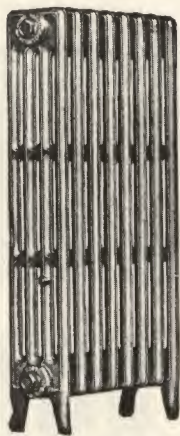
No. 65M, Plain.....each \$35.00  
No. 65M, Porcelain.....each \$4.00



### Corto Radiators For Steam or Water



3-Tube Corto



4-Tube Corto

## 3-Tube

Width, 4 $\frac{5}{8}$  Inches; Centers, 2 $\frac{1}{2}$  Inches

Number of Sections	Length 2 $\frac{1}{2}$ In. per Section	*HEATING SURFACE, SQUARE FEET				
		20-Inch Height 1 $\frac{1}{4}$ Sq. Ft. per Section	23-Inch Height 2 Sq. Ft. per Section	26-Inch Height 2 $\frac{1}{4}$ Sq. Ft. per Section	32-Inch Height 3 Sq. Ft. per Section	38-Inch Height 3 $\frac{1}{2}$ Sq. Ft. per Section
2	5	3 $\frac{1}{2}$	4	4 $\frac{3}{4}$	6	7
3	7 $\frac{1}{2}$	5 $\frac{1}{4}$	6	7	9	10 $\frac{1}{2}$
4	10	7	8	9 $\frac{1}{2}$	12	14
5	12 $\frac{1}{2}$	8 $\frac{3}{4}$	10	11 $\frac{1}{2}$	15	17 $\frac{1}{2}$
6	15	10 $\frac{1}{2}$	12	14	18	21
7	17 $\frac{1}{2}$	12 $\frac{1}{4}$	14	16 $\frac{1}{2}$	21	24 $\frac{1}{2}$
8	20	14	16	18 $\frac{3}{4}$	24	28
9	22 $\frac{1}{2}$	15 $\frac{3}{4}$	18	21	27	31 $\frac{1}{2}$
10	25	17 $\frac{1}{2}$	20	23 $\frac{1}{2}$	30	35
11	27 $\frac{1}{2}$	19 $\frac{1}{4}$	22	25 $\frac{3}{4}$	33	38 $\frac{1}{2}$
12	30	21	24	28	36	42
13	32 $\frac{1}{2}$	22 $\frac{3}{4}$	26	30 $\frac{1}{2}$	39	45 $\frac{1}{2}$
14	35	24 $\frac{1}{2}$	28	32 $\frac{3}{4}$	42	49
15	37 $\frac{1}{2}$	26 $\frac{1}{4}$	30	35	45	52 $\frac{1}{2}$
16	40	28	32	37 $\frac{1}{2}$	48	56
17	42 $\frac{1}{2}$	29 $\frac{3}{4}$	34	39 $\frac{3}{4}$	51	59 $\frac{1}{2}$
18	45	31 $\frac{1}{2}$	36	42	54	63
19	47 $\frac{1}{2}$	33 $\frac{1}{4}$	38	44 $\frac{1}{2}$	57	66 $\frac{1}{2}$
20	50	35	40	46 $\frac{3}{4}$	60	70

## 4-Tube

Width, 6 $\frac{5}{16}$  Inches; Centers, 2 $\frac{1}{2}$  Inches

Number of Sections	Length 2 $\frac{1}{2}$ In. per Section	*HEATING SURFACE, SQUARE FEET				
		20-Inch Height 2 $\frac{1}{4}$ Sq. Ft. per Section	23-Inch Height 2 $\frac{1}{2}$ Sq. Ft. per Section	26-Inch Height 2 $\frac{3}{4}$ Sq. Ft. per Section	32-Inch Height 3 $\frac{1}{2}$ Sq. Ft. per Section	38-Inch Height 4 $\frac{1}{4}$ Sq. Ft. per Section
2	5	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	7	8 $\frac{1}{2}$
3	7 $\frac{1}{2}$	6 $\frac{3}{4}$	7 $\frac{1}{2}$	8 $\frac{1}{4}$	10 $\frac{1}{2}$	12 $\frac{3}{4}$
4	10	9	10	11	14	17
5	12 $\frac{1}{2}$	11 $\frac{1}{4}$	12 $\frac{1}{2}$	13 $\frac{3}{4}$	17 $\frac{1}{2}$	21 $\frac{1}{4}$
6	15	13 $\frac{1}{2}$	15	16 $\frac{1}{2}$	21	25 $\frac{1}{2}$
7	17 $\frac{1}{2}$	15 $\frac{3}{4}$	17 $\frac{1}{2}$	19 $\frac{1}{4}$	24 $\frac{1}{2}$	29 $\frac{3}{4}$
8	20	18	20	22	28	34
9	22 $\frac{1}{2}$	20 $\frac{1}{4}$	22 $\frac{1}{2}$	24 $\frac{3}{4}$	31 $\frac{1}{2}$	38 $\frac{1}{4}$
10	25	22 $\frac{1}{2}$	25	27 $\frac{1}{2}$	35	42 $\frac{1}{2}$
11	27 $\frac{1}{2}$	24 $\frac{3}{4}$	27 $\frac{1}{2}$	30 $\frac{1}{4}$	38 $\frac{1}{2}$	46 $\frac{3}{4}$
12	30	27	30	33	42	51
13	32 $\frac{1}{2}$	29 $\frac{1}{4}$	32 $\frac{1}{2}$	35 $\frac{3}{4}$	45 $\frac{1}{2}$	55 $\frac{1}{4}$
14	35	31 $\frac{1}{2}$	35	38 $\frac{1}{2}$	49	59 $\frac{1}{2}$
15	37 $\frac{1}{2}$	33 $\frac{3}{4}$	37 $\frac{1}{2}$	41 $\frac{1}{4}$	52 $\frac{1}{2}$	63 $\frac{3}{4}$
16	40	36	40	44	56	68
17	42 $\frac{1}{2}$	38 $\frac{1}{4}$	42 $\frac{1}{2}$	46 $\frac{3}{4}$	59 $\frac{1}{2}$	72 $\frac{1}{4}$
18	45	40 $\frac{1}{2}$	45	49 $\frac{1}{2}$	63	76 $\frac{1}{2}$
19	47 $\frac{1}{2}$	42 $\frac{3}{4}$	47 $\frac{1}{2}$	52 $\frac{1}{4}$	66 $\frac{1}{2}$	80 $\frac{3}{4}$
20	50	45	50	55	70	85

\*Based upon engineering standard of 240 B.t.u. emission per square foot per hour.

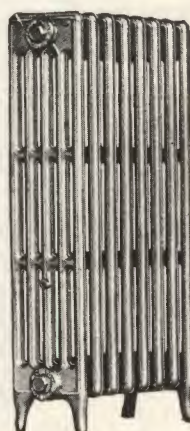
†Add  $\frac{1}{2}$  inch to length for each bushing.

TAPPINGS.—1 $\frac{1}{2}$ -inch top and bottom. Bushed for steam or water as per specifications.

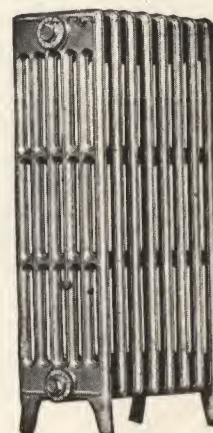
CONNECTIONS.—Both steam and water—extra heavy 1 $\frac{1}{2}$ -inch right and left threaded nipples at top and bottom.

Shipping weight, approximately 5 $\frac{1}{4}$  pounds per square foot.

### Corto Radiators For Steam or Water



5-Tube Corto



6-Tube Corto

## 5-Tube

Width, 8 Inches; Centers, 2 $\frac{1}{2}$  Inches

Number of Sections	Length 2 $\frac{1}{2}$ In. per Section	*HEATING SURFACE, SQUARE FEET				
		20-Inch Height 2 $\frac{3}{4}$ Sq. Ft. per Section	23-Inch Height 3 Sq. Ft. per Section	26-Inch Height 3 $\frac{1}{2}$ Sq. Ft. per Section	32-Inch Height 4 $\frac{1}{4}$ Sq. Ft. per Section	38-Inch Height 5 Sq. Ft. per Section
2	5	5 $\frac{1}{2}$	6	7	8 $\frac{3}{4}$	10
3	7 $\frac{1}{2}$	8	9	10 $\frac{1}{2}$	13	15
4	10	10 $\frac{3}{4}$	12	14	17 $\frac{1}{3}$	20
5	12 $\frac{1}{2}$	13 $\frac{1}{4}$	15	17 $\frac{1}{2}$	21 $\frac{1}{2}$	25
6	15	16	18	21	26	30
7	17 $\frac{1}{2}$	18 $\frac{3}{4}$	21	24 $\frac{1}{2}$	30 $\frac{1}{3}$	35
8	20	21 $\frac{1}{4}$	24	28	34 $\frac{2}{3}$	40
9	22 $\frac{1}{2}$	24	27	31 $\frac{1}{2}$	39	45
10	25	26 $\frac{3}{4}$	30	35	43 $\frac{1}{3}$	50
11	27 $\frac{1}{2}$	29 $\frac{1}{4}$	33	38 $\frac{1}{2}$	47 $\frac{2}{3}$	55
12	30	32	36	42	52	60
13	32 $\frac{1}{2}$	34 $\frac{3}{4}$	39	45 $\frac{1}{2}$	56 $\frac{2}{3}$	65
14	35	37 $\frac{1}{4}$	42	49	60 $\frac{2}{3}$	70
15	37 $\frac{1}{2}$	40	45	52 $\frac{1}{2}$	65	75
16	40	42 $\frac{3}{4}$	48	56	69 $\frac{2}{3}$	80
17	42 $\frac{1}{2}$	45 $\frac{1}{4}$	51	59 $\frac{1}{2}$	73 $\frac{2}{3}$	85
18	45	48	54	63	78	90
19	47 $\frac{1}{2}$	50 $\frac{3}{4}$	57	66 $\frac{1}{2}$	82 $\frac{2}{3}$	95
20	50	53 $\frac{1}{4}$	60	70	86 $\frac{2}{3}$	100

## 6-Tube

Width, 9 $\frac{1}{16}$  Inches; Centers, 2 $\frac{1}{2}$  Inches

Number of Sections	Length 2 $\frac{1}{2}$ In. per Section	*HEATING SURFACE, SQUARE FEET				
		20-Inch Height 3 Sq. Ft. per Section	23-Inch Height 3 $\frac{1}{2}$ Sq. Ft. per Section	26-Inch Height 4 Sq. Ft. per Section	32-Inch Height 5 Sq. Ft. per Section	38-Inch Height 6 Sq. Ft. per Section
2	5	6	7	8	10	12
3	7 $\frac{1}{2}$	9	10 $\frac{1}{2}$	12	15	18
4	10	12	14	16	20	24
5	12 $\frac{1}{2}$	15	17 $\frac{1}{2}$	20	25	30
6	15	18	21	24	30	36
7	17 $\frac{1}{2}$	21	24 $\frac{1}{2}$	28	35	42
8	20	24	28	32	40	48
9	22 $\frac{1}{2}$	27	31 $\frac{1}{2}$	36	45	54
10	25	30	35	40	50	60
11	27 $\frac{1}{2}$	33	38 $\frac{1}{2}$	44	55	66
12	30	36	42	48	60	72
13	32 $\frac{1}{2}$	39	45 $\frac{1}{2}$	52	65	78
14	35	42	49	56	70	84
15	37 $\frac{1}{2}$	45	52 $\frac{1}{2}$	60	75	90
16	40	48	56	64	80	96
17	42 $\frac{1}{2}$	51	59 $\frac{1}{2}$	68	85	102
18	45	54	63	72	90	108
19	47 $\frac{1}{2}$	57	66 $\frac{1}{2}$	76	95	114
20	50	60	70	80	100	120

\*Based upon engineering standard of emission per square foot per hour; of 240 B.t.u.

†Add  $\frac{1}{2}$  inch to length for each bushing.

TAPPINGS.—1 $\frac{1}{2}$ -inch top and bottom. Bushed for steam or water as per specifications.

CONNECTIONS.—Both steam and water—extra heavy 1 $\frac{1}{2}$ -inch right and left threaded nipples at top and bottom.

Shipping weight, approximately 5 $\frac{1}{4}$  pounds per square foot.





## Corto Window Radiators

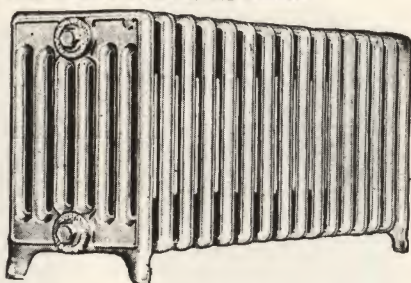
For Steam or Water

Width, 11½ Inches; Centers, 2½ Inches

Add ½ inch to length for each bushing.

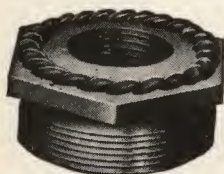
**TAPPINGS.**— 1½-inch top and bottom, bushed for steam or water.

**CONNECTIONS.**— Extra heavy 1½-inch right and left threaded nipples at top and bottom. Shipping weight, approx. 5¼ pounds per sq. ft.



Number of Sections	Length 2½ In. per Section	HEATING SURFACE SQUARE FEET		
		14 In. Ht. 2½ Sq. Ft. Per Section	17-In. Ht. 3 Sq. Ft. Per Section	20-In Ht. 3½ Sq. Ft. Per Section
2	5	5	6	7½
3	7½	7½	9	11
4	10	10	12	14½
5	12½	12½	15	18½
6	15	15	18	22
7	17½	17½	21	25½
8	20	20	24	29½
9	22½	22½	27	33
10	25	25	30	36½
11	27½	27½	33	40½
12	30	30	36	44
13	32½	32½	39	47½
14	35	35	42	51½
15	37½	37½	45	55
16	40	40	48	58½
17	42½	42½	51	62½
18	45	45	54	66
19	47½	47½	57	69½
20	50	50	60	73½

## No. 336 Standard Cast Iron Radiator Bushings



For 125 Pounds Service Steam Pressure  
For 175 Pounds Non-Shock Service Cold Oil, Water, or Gas Pressure

Size Inches	Each	Size Inches	Each	Size Inches	Each
1¼x1	\$.11	1½x1	\$.14	2x1	\$.21
1½x 1½	.14	1½x1¼	.14	2x1¼	.21
1½x ¾	.14	2x ¾	.21	2x1½	.21

## No. 337 Standard Cast Iron Radiator Plugs

For 125 Lbs. Service Steam Pressure  
For 175 Lbs. Non-Shock Service Cold Oil, Water, or Gas Pressure



Size.....inches	¾	1	1¼	1½	2
No. 337.....each	\$.06	.08	.10	.14	.20

## Radiator Screw Nipples

No. 5

With Right and Left Threads

Heavy malleable radiator screw nipples with right and left threads.

Size.....in.	1½	1¾	2
Price.....each	\$.15	.20	.20

## No. 4 Radiator Push Nipples



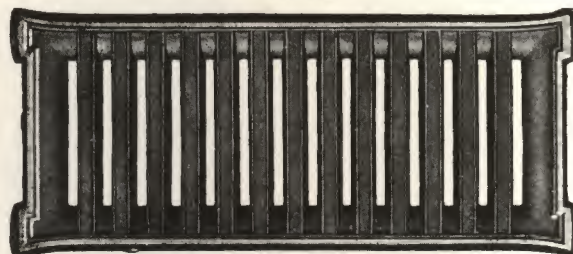
Can be furnished in all sizes for all types of radiators.

No. 4.....each \$.30

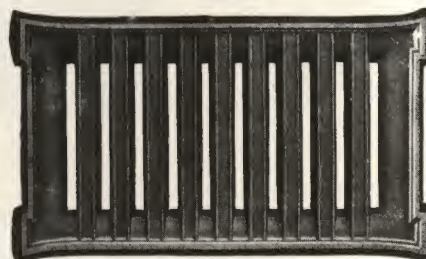
## Cast Iron Wall Radiators

For Steam or Water

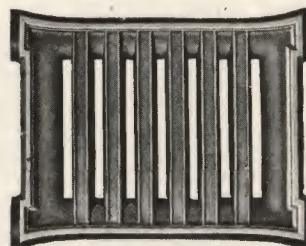
Peerless



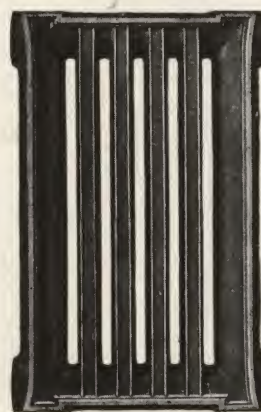
No. 9A



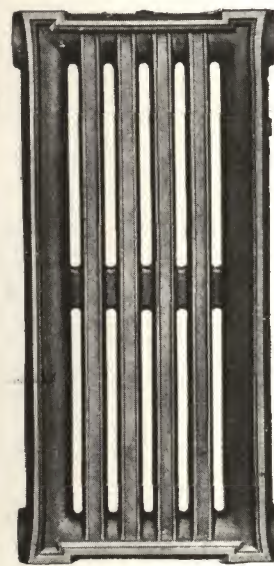
No. 7A



No. 5A



No. 7B



No. 9B

Sections 5A, 7A, and 9A have bars running crosswise of the section and tapped 1½ inches for connecting end to end.

Sections 7B and 9B have bars running the long way of the section and are regularly tapped 1½ inches to be connected side by side. The sections are connected by 1½-inch right and left hand internal nipples. Tappings may be bushed if desired.

Special tappings at extra charge.

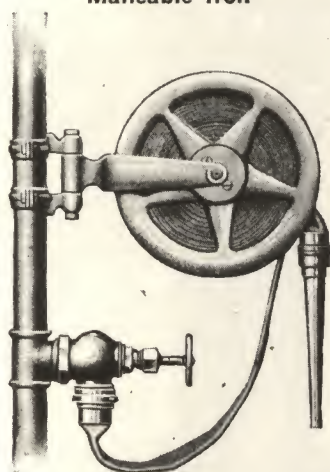
No.....	5A	7A	7B	9A	9B
Per Square Foot.....					
Height.....inches	13½	13½	21½	13½	29½
Length or Width.....inches	16½	21½	13½	29½	13½
Thickness.....inches	2½	2½	3½	2½	3½
Thickness with Bracket.in.	3½	3½	3½	3½	3½
Heating Surface.square feet	5	7	7	9	9

Special Catalog and Prices Furnished upon Application



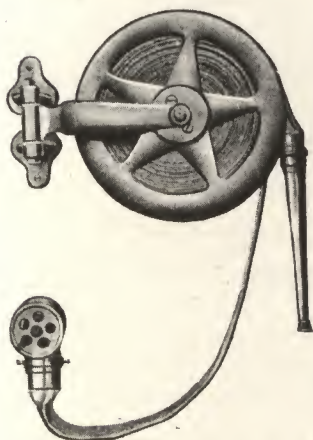
## Star Swinging Hose Reels

Malleable Iron



No. 132

Connected to Standpipe



No. 133

With Wall Bracket Attachment, to be Used When Standpipe is Not Exposed

## For Unlined Linen Hose

Size	Each	CAPACITY, HOSE DIAM., IN.		
		1½	2	2½
1	\$6.00	25 to 50	.....	.....
2	6.00	.....	25 to 50	.....
3	6.00	.....	.....	25 to 50
10	9.80	75 to 100	.....	.....
11	9.80	.....	75 to 100	.....
12	9.80	.....	.....	75 to 100
13	10.50	150	.....	.....
14	10.50	.....	150	.....
15	11.20	.....	.....	200

## For Cotton Rubber-Lined Hose

10	\$9.80	50	.....	.....
11	9.80	.....	50	.....
12	9.80	.....	.....	50
13	10.50	100	.....	.....
14	10.50	.....	100	.....
15	11.20	.....	.....	100

Finished in aluminum or any color japan with wall plates or pipe clamps up to 4-inch. The 5 and 6-inch pipe clamps can be furnished at a small additional cost.

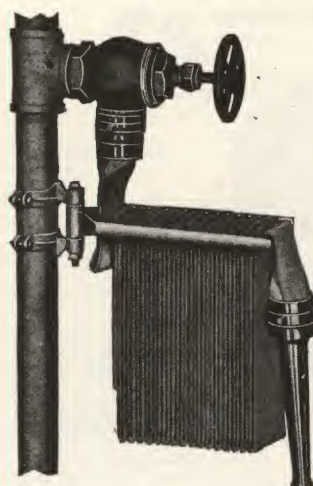
Reels in solid brass, polished, or polished, nickel-plated can also be furnished; prices upon application.

## Diamond S Hose Racks

The Diamond S Hose Rack is of good appearance, is compact, and requires less installation space than the usual hose-holding device. It is recommended for use with linen hose, in buildings of all kinds.

Constructed of malleable iron. Hose is hung on galvanized steel pins which drop when folds are drawn off. The pins remain hanging on rack, which is ready for immediate use again. The end pin is constructed so as to prevent hose from falling to floor and the hose can be released only by pulling the nozzle.

This rack may be attached to wall, standpipe or nipple connection.



No. 131

With Pipe Clamps

Finished in aluminum bronze unless otherwise specified. Gold bronze or red enamel finish furnished at the same price. Nickel-plated iron, solid cast brass, polished or nickel-plated, or any finish in colors to match the trim of the building furnished at an additional cost.

Hose racks Nos. 11 and 12 have nipple connection for 2½-inch to meet the Board of Underwriters' specifications.



No. 130

With Nipple Attachment

## With Pipe Clamps or Wall Plates

No.	Each	For Hose In.	Cap. Ft.	No.	Each	For Hose In.	Cap. Ft.
1	\$5.00	1¼ or 1½	25 to 75	4	\$6.00	2	100
2	6.00	1¼ or 1½	100	5	5.00	2½	25 to 75
3	5.00	2	25 to 75	6	6.00	2½	100

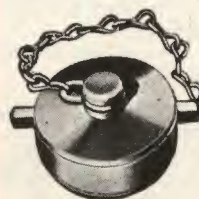
## With Nipple Attachments

7	\$6.00	1¼ or 1½	25 to 75	*11	\$6.00	1½	25 to 75
8	7.00	1¼ or 1½	100	*12	7.00	1½	100
9	6.00	2	25 to 75	13	6.00	2½	25 to 75
10	7.00	2	100	14	7.00	2½	100

\*Nipple connection for 2½-inch pipe to meet Board of Underwriters' specifications.

## No. 120 Brass Hose Caps

Chains not included in prices. ¾ and 1-inch without spanner lugs.



Size Inches	Per Dozen	Size Inches	Per Dozen	Size Inches	Per Dozen
¾	\$4.00	1½	\$10.00	3	\$31.00
1	6.00	2	15.00	3½	39.00
1¼	8.00	2½	24.00	4	43.00
Chain Extra..... \$6.00					

## No. 2114 Iron and Brass Plugs for Siamese

Iron plugs furnished with galvanized iron finish, but can be red enameled if preferred. Brass plugs are polished. Prices include chains.

Size.....inches	2½	3	3½
Iron.....each	\$2.20	\$2.70	\$3.20
Brass.....each	3.70	4.80	5.90







# BRIDGE

# PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK

## Unlined Linen Fire Hose For Interior Fire Protection Service Underwriters' Labeled



For hose used in connection with interior standpipes for office buildings or factories, an Underwriters' unlined hose is recommended in preference to a rubber lined cotton hose. The linen hose has no lining to deteriorate with age and will last a great deal longer. Its chief value is for short lines for brief use inside the building. On account of its lightness, compactness and convenience, it can be handled by one man alone. When the water is first turned on, the hose will leak slightly, but the fibers will almost immediately expand and the hose becomes practically water-tight.

It is wiser to pay a fair price for a reliable fire protection hose, which does protect when called into service, than to pay a low price for a cheap hose and take the risk. The life of the hose is usually one of inactivity and only the best materials can withstand the deteriorating effects of age.

### Underwriters' Labeled Flax Line Linen Hose First Grade

The flax line unlined linen hose is made in accordance with both the specifications of the Associated Factory Mutual Insurance Companies and the Underwriters' Laboratories of the National Board of Fire Underwriters.

Each 50-foot section of line yarn unlined linen fire hose bears the yellow approving label of the latter organization reading, "Inspected Unlined Linen Fire Hose", each length being examined and labeled under their supervision. It will stand a test pressure of 500 pounds on delivery, is practically water-tight and will not twist or elongate excessively under pressure.

The label inspection service covers sizes 1 1/4, 1 1/2, 2 and 2 1/2-inch. One-inch hose can be furnished but is not labeled.

When first grade hose is desired, specify flax line linen hose.

Diameter . . . . . inches	1 1/4	1 1/2	2	2 1/2
Price . . . . . per 100 feet	\$35.00	42.00	54.00	66.00

Couplings charged extra.

### Underwriters' Labeled Flax Tow Linen Hose Second Grade

Made from 100 per cent all linen yarn, the tow yarn being of shorter fibre than the flax line linen hose. It stands the same test, comes well within the Underwriters' specifications, is approved by the National Board of Fire Underwriters and the Associated Factory Mutual Insurance Companies.

Each 50-foot section bears the green label of the former organization reading, "Inspected Flax Tow Fire Hose".

Furnished in 1 1/4, 1 1/2, 2, 2 1/2-inch sizes.

When second grade hose is desired, specify Flax Tow linen hose.

Diameter . . . . . inches	1 1/4	1 1/2	2	2 1/2
Price . . . . . per 100 feet	\$29.00	34.00	45.00	56.00

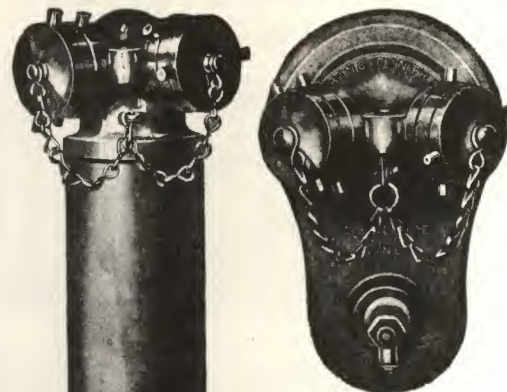
Couplings charged extra.

### Care of Linen Hose

Linen fire hose should not be used for general service; instead, use heavy cotton rubber lined hose.

Linen hose deteriorates by being wet. It is necessary to see that all valves are tight. Uncoil hose from time to time that it may be dried between the layers. Dry the inside and outside of the hose after it has been wet. The unlined hose is guaranteed to be free from defects in workmanship but is not intended to be used for general service. Linen hose is stiff and hard to handle, and unless intelligently used, is liable to chafe or burst.

## Siamese Connections



No. 107



No. 106

### No. 106 Sidewalk Type Guaranteed Tested to 300 Lbs.

A 90-degree type connection used for standpipe coming through sidewalk. Made with double checks, recessed type complete with plugs and chain. Neatly made of brass with either rough body, painted with finished trimmings, finished all over, bronze to match sample or any other finish required. Approved by the New York Fire Department.

Furnished complete with polished brass or galvanized iron plug and chain, covering tube (specify length), and polished brass name plate. Specify whether sill cock is required.

Made to fit 4, 5 or 6-inch iron pipe.

### No. 107 Wall Type

Used for standpipe and sprinkler work. Accurately and neatly made of brass, rough or polished. Approved by National Board of Fire Underwriters and New York Fire Department. Plates can be made with different lettering.

Furnished complete with polished brass or galvanized iron plugs and chains, a Simmons Siamese sill cock and polished brass combination Siamese and sill cock name plate.

Made to fit 4, 5 or 6-inch iron pipe.

Prices upon Application

## Siamese Connections



No. 27

For fire department use only.

By the use of No. 27 Siamese one stream can be divided into two. No. 28 is used to combine two streams into one. Neither has interior valves and cannot be used for standpipe connections.



No. 28

For fire department use only.

Size Inches	Each	Size Inches	Each
1 1/2 x 1 1/2 x 1 1/2	\$10.00	2 1/2 x 2 1/2 x 2 1/2	\$15.00
1 1/2 x 1 1/2 x 2 1/2	12.00	2 1/2 x 2 1/2 x 3	18.00
2 x 2 x 2	12.00	2 1/2 x 2 1/2 x 4	22.00

Add, extra for polishing, \$3.00 each.



## Automatic Ball Drip Cocks

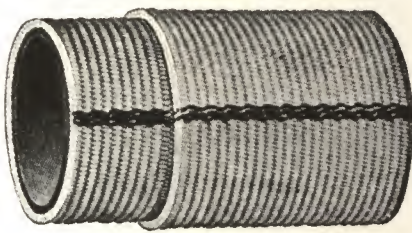
Automatic ball drip cocks are made in 3/4-inch size only and are for installation in the standpipe or sprinkler lines between Siamese and cross connection check valve in the line to prevent water from collecting and freezing in exposed pipe.

Each . . . . .





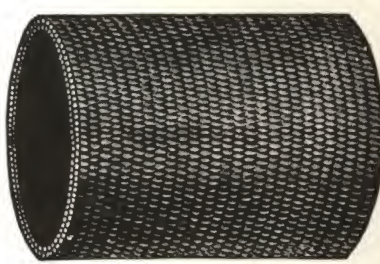
Firefite Brand Underwriters' Cotton Rubber-Lined Fire Hose Single and Double Jacket



Built to withstand a test pressure of 400 pounds per square inch in double jacket and 300 pounds in single jacket hose. Each 50-foot section double jacket hose weighs approximately 55

pounds, uncoupled; single jacket, 40 pounds, uncoupled. In 1 1/2, 2, 2 1/2, and 3-inch sizes. With Underwriters' label on every 50-foot section. Identified by one stripe each of orange, green and red. Prices upon application.

Cotton Rubber Lined Mill Hose



Adaptable for hand engines, factories, warehouses, hotels, steamboats, public institutions, etc., and wherever a light, durable, and reliable hose for fire protection is required. Made in Quaker City Brand, single jacket, extra quality; and Edgewater

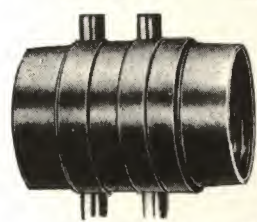
Brand, single and double jacket.

Table with 7 columns: Size, Single Jacket, Double Jacket, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3. Rows show prices per foot and per 100 feet.

Standard Expansion Ring Hose Couplings



For unlined linen or light cotton rubber-lined mill and fire hose. Tailpiece is expanded into the swivel.



In ordering state kind of hose to be used on and style of threads desired.

Underwriters' Expansion Ring Hose Couplings

Manufactured in conformity with specifications of Underwriters' Laboratories and Associated Factory Mutual Fire Insurance Companies.

Furnished for both double and single jacket hose as well as for linen hose. Made in all sizes.

Expansion Rings

The metal used in these rings is a scientifically correct mixture, which experience has shown to be the best adapted for the purpose, to give the maximum co-efficient of expansion without fracture. Made in all sizes from 1/2 to 6 inches inclusive.



Prices upon application.

Tabor Hose Spanners

Made of malleable iron—galvanized.

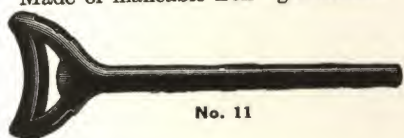


Table with 4 columns: Size, Lgth., Price per Doz. Rows for 1 1/2, 2, 2 1/2 inch sizes.

Galvanized Malleable Iron Common Hose Spanners

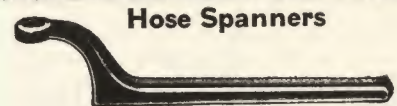


Table with 6 columns: Size, Per Dozen, Length, 1 1/2, 2, 2 1/2, 3, 4. Rows show prices and lengths for different sizes.

Plain Brass Hose Nozzles



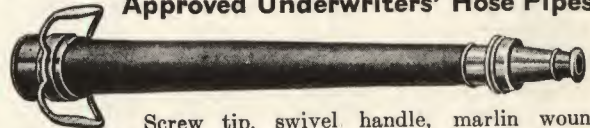
All 3/4 and 2 1/2-inch nozzles are furnished with hose thread unless otherwise specified.

All other sizes are furnished with iron pipe thread, unless otherwise specified.

Sizes 3/4 and 1-inch packed in cartons.

Table with 6 columns: Size, Length, Per Dozen, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3. Rows show prices and lengths for different sizes.

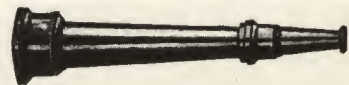
Approved Underwriters' Hose Pipes



Screw tip, swivel handle, marlin wound, painted red. Approved by Associated Factory Mutual Fire Insurance Companies. Size 2 1/2 x 30 inches.

Each.....

Screw Tip Hose Pipes

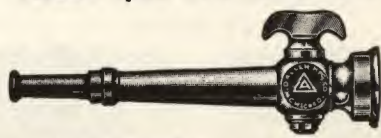


Threads on tips of all 3/4 and 1-inch pipes are 3/8-inch iron pipe sizes. Furnished with hose or iron pipe thread.

Sizes 3/4 and 1-inch packed in cartons.

Table with 6 columns: Size, Length, Per Dozen, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3. Rows show prices and lengths for different sizes.

Hose Pipes with Stopcock



Made of polished cast brass.

Table gives standard discharges on hose pipes and nozzles, and all orders are made up with this size. Discharges different from the above will be charged for extra.

Table with 8 columns: Size, Per Dozen, Length, Discharge, Size, Per Dozen, Length, Discharge. Rows show prices, lengths, and discharges for different sizes.

Always supply thread information when ordering.

BRIDGE PLUMBERS SUPPLY CO.





### Diamond S Angle Hose Valves

Approved by New York Fire Department  
Tested for 750 Lbs. Hydrostatic Pressure



Unless otherwise specified, these valves will be furnished with standard thread. Any special thread desired can be furnished, in which case a gauge is required.

Size In.	Rough Body Iron Wheel Each	Rough Body Brass Wheel Each	Pol. Body Brass Wheel Each	Nickel-Plated All Over Each
3/4	\$2.70	\$3.35	\$3.90	\$4.20
1	3.30	4.00	4.60	5.00
1 1/4	4.70	5.50	6.20	6.60
1 1/2	6.50	7.50	8.40	8.80
2	9.90	12.00	12.50	13.00
2 1/2	17.10	20.00	22.50	23.00

### Standard Brass Hose Gate Valves



No. 821

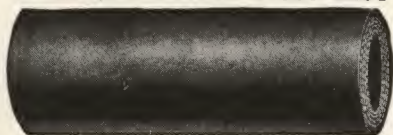
Iron Wheel, Rough Body, Plain, Wedge Disc, Non-Rising Steam

For 200 Pounds Cold Water Working Pressure

Size In.	With Cap and Chain Each	Without Cap and Chain Each	Ctr. to Female End In.	Ctr. to Hose End In.
1	\$10.20	\$6.70	1 3/8	1 5/8
1 1/4	13.40	9.40	1 1/2	1 7/8
1 1/2	17.70	12.50	1 5/8	2 1/16
2	25.20	18.00	1 7/8	2 1/4
2 1/2	40.00	30.00	2 1/8	2 5/8
3	56.25	42.00	2 3/8	2 3/4

When ordering, always supply thread information to avoid delay.

### Standard Steam Hose List



I.D. Inches	4-Ply per Foot	5-Ply per Foot	6-Ply per Foot	7-Ply per Foot	8-Ply per Foot
1/2	\$1.56	\$1.70	.....	.....	.....
3/4	.71	.87	\$1.05	\$1.23	.....
1	.87	1.07	1.28	1.50	\$1.70
1 1/4	1.04	1.30	1.56	1.82	2.08
1 1/2	1.25	1.56	1.87	2.18	2.50
1 3/4	.....	1.81	2.17	2.53	2.90
2	.....	2.07	2.49	2.90	3.32
2 1/4	.....	2.33	2.80	3.27	3.74
2 1/2	.....	2.60	3.12	3.64	4.16

Intermediate sizes charged at prices of next larger size.  
For higher ply hose add 20% for each additional ply.

### Suction Hose



Rough Bore



Smooth Bore

Size In.	PRICE, PER FOOT Rough Bore	PRICE, PER FOOT Smooth Bore	Size In.	PRICE, PER FOOT Rough Bore	PRICE, PER FOOT Smooth Bore	Size In.	PRICE, PER FOOT Rough Bore	PRICE, PER FOOT Smooth Bore
1 1/2	\$1.50	\$1.70	4	\$5.80	\$6.50	7	\$12.00	\$13.50
1 3/4	1.90	2.15	4 1/2	6.70	7.50	7 1/2	13.50	15.00
2	2.30	2.60	5	7.60	8.50	8	15.00	16.50
2 1/2	3.10	3.50	5 1/2	8.50	9.50	9	17.50	19.50
3	4.00	4.50	6	9.50	10.50	10	20.00	22.50
3 1/2	4.90	5.50	6 1/2	10.50	12.00	12	25.00	27.50

### Standard Water Hose List

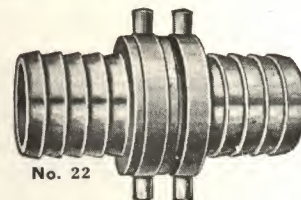
Internal Diameter Inches	2-Ply per Foot	3-Ply per Foot	4-Ply per Foot	5-Ply per Foot	6-Ply per Foot
1/2	\$1.20	\$1.25	.....	.....	.....
3/4	.25	.30	\$1.37	\$1.46	\$1.55
1	.33	.40	.50	.62	.75
1 1/4	.42	.50	.62	.77	.93
1 1/2	.50	.60	.75	.93	1.12
1 3/4	.58	.90	.87	1.08	1.30
2	.66	1.00	1.00	1.25	1.50
2 1/4	.....	.....	1.12	1.40	1.68
2 1/2	.....	.....	1.25	1.56	1.87
2 3/4	.....	.....	1.37	1.71	2.05
3	.....	.....	1.50	1.87	2.25

All intermediate sizes will be charged at the price of the next larger size.

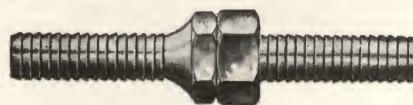
For higher ply hose add 20% for each additional ply.

### Water Hose Couplings

Size In.	Per Doz.	Size In.	Per Doz.
1 1/4	\$10.00	3	\$75.00
1 1/2	14.00	3 1/2	120.00
2	24.00	4	150.00
2 1/2	48.00	.....	.....



No. 22



No. 90

### Steam Hose Couplings

Always furnished with iron pipe thread.

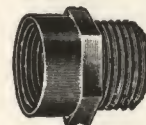
Size In.	Lgth. Tail In.	Per Doz.	Size In.	Lgth. Tail In.	Per Doz.	Size In.	Lgth. Tail In.	Per Doz.	Size In.	Lgth. Tail In.	Per Doz.
1/2	2 1/2	\$15.00	1	3 1/4	\$18.00	1 1/2	4	\$30.00	2 1/2	5	\$72.00
3/4	3	15.00	1 1/4	3 1/2	24.00	2	4 1/4	42.00	.....	.....	.....

### Brass Hose Nipples

When ordering, state number and thread wanted on each end.

#### No. 91, Male

Size In.	Per Dozen	Size In.	Per Dozen	Size In.	Per Dozen
1/2	\$3.80	1 1/2	\$10.00	*3 1/2	\$50.00
3/4	3.80	*2	14.00	*4	75.00
1	6.50	2 1/2	28.00	.....	.....
1 1/4	9.00	*3	40.00	.....	.....



#### No. 92, Male and Female

Size In.	Per Dozen	Size In.	Per Dozen	Size In.	Per Dozen
1/2	\$3.80	*1 1/4	\$9.00	*2 1/2	\$28.00
3/4	3.80	*1 1/2	10.00	*3	40.00
1	7.00	*2	14.00	*3 1/2	50.00

\*Made to order only.

### Brass Hose Reducers

One-half-inch sizes furnished iron pipe thread; 3/4 and 1-inch sizes furnished hose thread; sizes larger than 1-inch, thread data must always be sent with order.



3/4 and 1-Inch No. 9301



1 1/4-Inch and Larger No. 93

Three-fourth and 1-inch sizes are hexagonal, without lugs.

Size Inches	Per Dozen	Size Inches	Per Dozen	Size Inches	Per Dozen
3/4 x 1/2	\$6.50	2 x 3/4	\$13.00	2 1/2 x 1 1/2	\$24.00
1 x 3/4	6.50	2 x 1	14.00	2 1/2 x 2	26.00
1 1/4 x 3/4	8.00	2 x 1 1/4	16.00	3 x 2	30.00
1 1/4 x 1	10.00	2 x 1 1/2	18.00	3 x 2 1/2	36.00
1 1/2 x 3/4	11.50	2 1/2 x 3/4	20.00	.....	.....
1 1/2 x 1	11.50	2 1/2 x 1	22.00	.....	.....
1 1/2 x 1 1/4	12.00	2 1/2 x 1 1/4	23.00	.....	.....





**No. 2800 Halsey Taylor Combination Cooler and Drinking Fountains**



Halsey Taylor No. 2800 Cooler Fountain combines the best in instantaneous water cooler construction with an up-to-date drinking device.

Cooler is so constructed that the drinking water does not come in contact with either the ice or melted ice water, but is circulated through a brass coil which is tinned both inside and outside.

Bowl vitreous china with chromium plate brass strainer; brass outlet and supply connection mounted on cooler with cover top, and base made of cast iron. Body of tank coil guard made from galvanized sheet iron. Insulation: regranulated cork in side walls and pressed cork board in bottom and cover of cooler.

Cooling coil made from 1/2-inch O. D. No. 20 gauge brass tubing tinned inside and outside. Supply and waste pipes concealed between walls of cooler. Supply pipe furnished with self closing stop and volume regulator.

Cover equipped with an air tight gasket. Furnished with two stream mound building projector and Taylor Automatic Stream Control.

No.	Receptor Inches	ICE CHAMBER INCHES		HEIGHT TO TOP INCHES		Diam. Base Inches	Ship Wt., Lbs.	Price Each
		O. D.	Ht.	Ice Chamber	Receptor			
2800	7 1/2 x 10	20	20	32	40	14	148	.....

Ice capacity 80 pounds, ice consumption approximately 1 pound per capita per day.

**Halsey Taylor Pedestal Drinking Fountain** with heavy vitreous china receptor, chromium-plated brass strainer, self-closing stop, loose key volume regulator, 2-stream mound building projector and automatic stream control.

Supply pipe, 3/8-inch I.P.T.  
Drain, 1-inch I.P.T.  
Standard, 2 3/8-inch o.d.  
Steel tubing, cast iron base.  
All exposed brass chromium-plated.

Height.....in.	36	39
Receptor.....in.	7 1/2 x 10	7 1/2 x 10
Depth		
Receptor.....in.	3	3
Diam. Base.....in.	9 1/2	9 1/2
Approximate		
Ship. Wt.lbs.	45	50

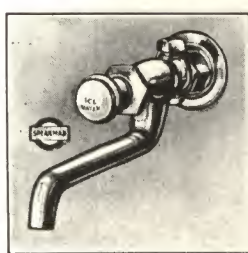


No. 2617



No. 2618

**Speakman Self-Closing Ice Water Faucets**



Designed for use over lavatory, with integral stop, push button, and 3/8-inch female inlet.

The nozzle is 7 3/4 inches long, which is long enough to extend over bowl of usual size lavatory.

An integral stop permits controlling of the flow and prevents splashing.

No. 5065, Nickel-Plated.....each	.....
No. 5070, Nickel-Plated, with Swinging Nozzle.....each	.....
No. 5065, Chromium-Plated.....each	.....
No. 5070, Chromium-Plated, with Swinging Nozzle.....each	.....

**No. 3875 Mueller Filglas Faucets**



FOR PRESSURE.—Chromium-plated Filglas Faucet with volume regulating screw and adjusting wall flange. 3/8-inch connection.

No. 3875.....each	.....
No. 3875, less Flange and Nipple.....each	.....

**No. A-2 Trenjer Drinking Fountain Bubblers**

Trenjer Drinking Fountain Bubbler with metal bowl, self-closing valve with push button on side, loose key control valve, and vertical shank threaded 1/2 or 3/8-inch iron pipe female.

Top of bowl to end of shank, 6 3/4 inches.

**With Metal Bowl**

No. A-2, Nickel-Plated.....each	.....
No. A-2, Chromium-Plated.....each	.....

**With Vitreous China Bowl**

No. A-2, Nickel-Plated.....each	.....
No. A-2, Chromium-Plated.....each	.....

**No. A-3 Trenjer Drinking Fountain Bubblers**

Trenjer Drinking Fountain Bubbler with metal bowl, self-closing valve with push button on side, loose key control valve, and shank to wall threaded 1/2 or 3/8-inch iron pipe female.

Center of bubbler to end of shank, 3 7/8 inches.

**With Metal Bowl**

No. A-3, Nickel-Plated.....each	.....
No. A-3, Chromium-Plated.....each	.....

**With Vitreous China Bowl**

No. A-3, Nickel-Plated.....each	.....
No. A-3, Chromium-Plated.....each	.....

**No. A-6 Trenjer Drinking Fountain Bubblers**

Trenjer Drinking Fountain Bubblers with metal bowl, push button self-closing controlling valve, supply pipe, and coupling threaded 1/4-inch iron pipe male.

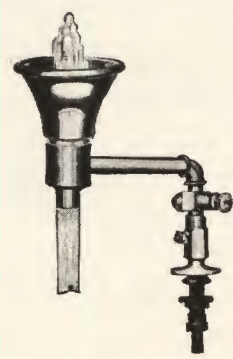
This drinking fountain can be installed on lavatories, and will fit in regular faucet hole.

**With Metal Bowl**

No. A-6, N.P.....each	.....
No. A-6, C.P.....each	.....

**With Vitreous China Bowl**

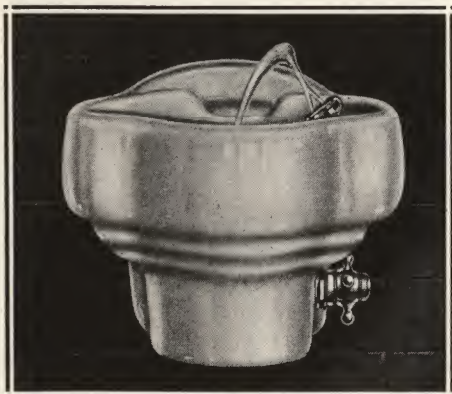
No. A-6, N.P.....each	.....
No. A-6, C.P.....each	.....



BRIDGE PLUMBERS SUPPLY CO.







No. 2605

**Halsey Taylor Vitreous China Wall Drinking Fountain** with integral trap housing. Supported on concealed wall hanger and brass wall bolts.

Fittings, 2-stream mound building projector, automatic stream control, self-closing stop with metal cross handle, loose key regulator with union connection for  $\frac{3}{8}$ -inch I. P. supply, and brass outlet strainer.

Trap, rough brass P pattern with  $1\frac{1}{4}$ -inch I. P. outlet.

Exposed metal chromium plated.

Wall to Front.....	inches	13
Width over All.....	inches	13
Wall to Drinking Stream.....	inches	8
Approximate Shipping Weight.....	pounds	50

Also furnished with metal plate completely enclosing trap housing.

Can be furnished in various colors to match woodwork, marble or interior trim.



No. P-8435

**Macon Enameled Cast Iron Drinking Fountain** with apron. Supported on painted wall bracket.

Fittings, bubbler with vitreous china guard, volume regulator, strainer base, self-closing valve, renewable unit, and metal 4-arm handle.

Supply pipe,  $\frac{3}{8}$ -inch I.P. size to wall with wall escutcheon.

Trap,  $1\frac{1}{4}$ -inch P pattern with metal wall flange.

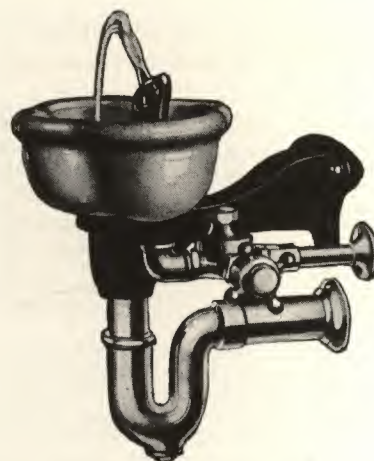
Exposed metal chromium plated.

Diameter of Bowl.....	inches	$11\frac{1}{4}$
Wall to Front.....	inches	$13\frac{1}{4}$
Approximate Shipping Weight.....	pounds	47

Self-closing valve may be placed on left, if desired.

Elevated bubbler head above rim of bowl eliminates possible contamination of water by back syphonage.

Furnished in regular white enamel only.



**No. 2600 Wall Fountain** with heavy vitreous china receptor. Supported on cast iron baked gray enameled bracket to wall.

Fittings, 2-stream mound building projector, automatic stream control, loose key volume regulator, and brass outlet strainer. Self-closing stop with metal cross handle,  $\frac{3}{8}$  inch I.P.S. supply pipe to wall.

Trap,  $1\frac{1}{4}$ -inch P pattern with drain pipe and metal wall escutcheon.

Exposed brass chromium-plated.

Receptor.....	inches	$7\frac{1}{2} \times 10$
Depth Receptor.....	inches	3
Projection from Wall.....	inches	$11\frac{1}{2}$
Approximate Shipping Weight.....	pounds	30



No. P-8425

**Avalon Enameled Cast Iron Drinking Fountain** with back. Supported on concealed wall hanger.

Fittings, bubbler with china guard, slotted screw volume regulator and strainer base, push button valve for bubbler, and push button glass filler.

Trap,  $1\frac{1}{4}$ -inch P pattern with metal wall flange.

Exposed metal chromium plated.

Wall to Front.....	inches	15
Width.....	inches	$12\frac{1}{2}$
Height.....	inches	$16\frac{3}{4}$
Approximate Shipping Weight.....	pounds	63

Furnished in regular white enamel only.

This drinking fountain has the bubbler jet above rim of bowl so that nozzle orifice or opening will not be flooded if drain becomes clogged.

BRIDGE PLUMBERS SUPPLY CO.





No. P-7760

**Arch Enameled Cast Iron Flat Rim Service Sink** with center outlet, painted outside.

Fittings, 1½-inch drain plug with metal grid and tailpiece.

Size Inches	Weight Pounds	Size Inches	Weight Pounds
16x16x10	40	24x20x12	75
20x14x12	50	30x20x12	100
20x16x12	60	36x20x12	130
24x18x12	70	.....	...

### No. B-2056 Rim Guards For Enameled Service Sinks



Bar type rim guard with plain ends for front rim. Chromard finish.

No. B-2056... each .....

When ordering, specify size and number of sink on which the rim guard is to be used.

### No. P-7783 Cast Iron Service Sink Trap Standards



S trap standard with outlet for 3-inch lead pipe connection and with brass cleanout plug.

No. P-7783, Enameled Inside, Painted Outside... each .....

No. P-7783, Enameled Inside and Outside... each .....

### No. P-7798 Cast Iron Service Sink Trap Standards



**Adjustable**

Adjustable P trap standard, tapped for iron pipe, with brass cleanout plug.

Size Outlet.....in. 2 3

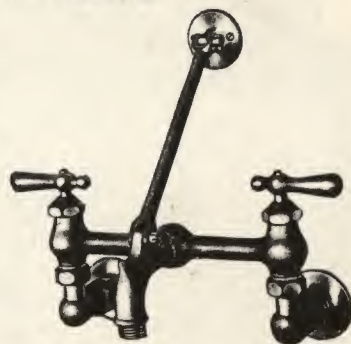
No. P-7798, Enameled Inside, Painted Outside.....each .....

No. P-7798, Enameled Inside and Outside...each .....

Can be furnished with large flange for supporting vitreous china fixtures. Add suffix letter "L."

### No. 5615 Quick Compression Slop Sink Faucets

Nickel-plated quick compression slop sink faucet with rigid spout with ¾-inch hose thread, ½-inch male inlets with adjustable threaded flanges 8 inches center to center, metal lever handles, top brace and bucket hook.



Also furnished rough nickel and chromium-plate finishes.

### No. B-927 Re-Nu Quick Compression Service Sink Faucets



Re-Nu quick compression service sink faucet with metal lever handles, short spout with bucket hook and stream regulator, and union couplings threaded ½ inch outside I.P.S. with adjustable flanges.

For use on service sink with back.

Body is rough, trim is polished Chromard finish.

No. B-927.....each .....



No. 2626

### Halsey Taylor Vitreous China Recessed Wall Drinking Fountain with automatic stream control.

Fittings, 2-stream mound building projector, brass strainer, self-closing stop with metal lever handle, loose key regulator, and push button glass filling faucet through back.

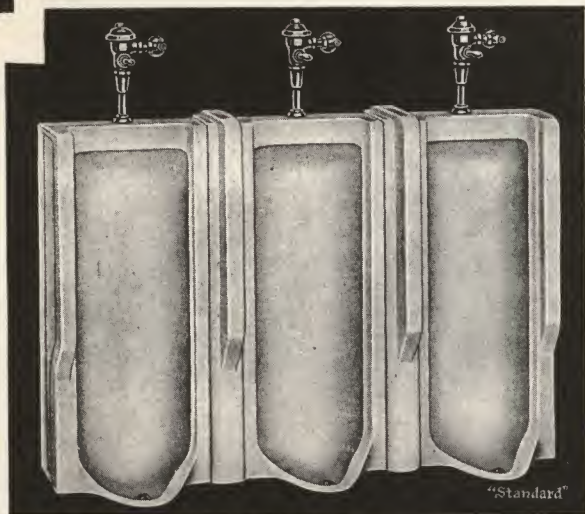
Supply pipe, ¾-inch iron pipe thread.

Trap, 1½-inch P pattern with cleanout and metal wall flange.

Exposed metal chromium plated.

Width.....	inches	16
Height.....	inches	29½
Receptor Opening.....	inches	12½x20¾
Depth of Receptor.....	inches	10
Approximate Shipping Weight.....	pounds	110





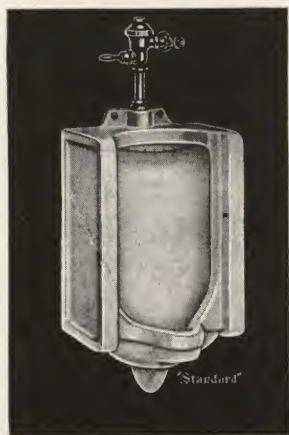
No. F-6060-H, Three Stalls No. F-6050-H, Two Stalls

**Battery of Chinal Vitreous China Urinal Stalls** with integral flush spreaders. End stalls have one integral shield, inside stalls have seam covers.

Fittings, Sloan flush valve with side inlets,  $\frac{3}{4}$ -inch ground joint union angle stops,  $\frac{3}{4}$ -inch straight flush connections, wall and spud flanges, and brass beehive strainers with outlet connection for 2-inch lead or iron pipe.

*Width of Each Stall.....	inches	18
Height of Each Stall.....	inches	42
Height, Each Stall from Floor.....	inches	38
Wall to Front of Lip.....	inches	16
Approximate Shipping Weight, Each Stall.....	pounds	160

\*The overall widths vary, dependent on distance set apart whether to accommodate 2, 3, 4 or 6-inch seam covers.



No. F-6230-C, Top Supply for Exposed Valve  
No. F-6235-D, Back Supply for Concealed Valve

**Casal Vitreous China Blow-Out Urinal** with integral extended shields, integral flush spreader, strainer, trap, top inlet spud for  $1\frac{1}{4}$ -inch O.D. tubing slip joint, and outlet with 2-inch inside I.P. threads. Supported on concealed wall hangers and loose head lag screws.

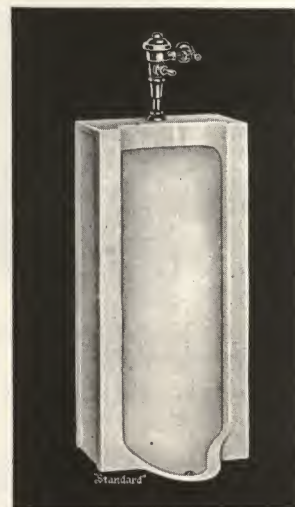
Fittings, Sloan flush valve with side inlet, 1-inch ground joint union angle stop, metal oscillating handle,  $1\frac{1}{4}$ -inch straight flush connection, wall and spud flanges.

Exposed metal chromium-plated.

Width.....	inches	18	24
Wall to Front.....	inches	13 $\frac{3}{4}$	13 $\frac{3}{4}$
Height.....	inches	57	57
Approximate Shipping Weight, less Valve ..	lbs.	110	135

For use with flush valve only. To successfully operate, the flush valve should have at least a 1-inch supply, and pressure should be at least 10 pounds while flushing.

BRIDGE PLUMBERS SUPPLY CO.



No. F-6000-C, Top Supply for Exposed Valve  
No. F-6005-D, Back Supply for Concealed Valve

**Chinal Vitreous China Urinal Stall** with straight front and integral flush spreader.

Fittings, Sloan flush valve with side inlet,  $\frac{3}{4}$ -inch ground joint union angle stop, metal oscillating handle,  $\frac{3}{4}$ -inch straight flush connection, wall and spud flanges, and brass beehive strainer with outlet connection for 2-inch lead or iron pipe.

Exposed metal chromium plated.

Width of Stall.....	inches	18	21
Height of Stall.....	inches	42	42
Height from Floor.....	inches	38	38
Wall to Front of Lip.....	inches	16	16
Approx. Ship. Wt., Each Stall.....	pounds	150	180

Furnished in white only.



No. F-6250-B

**Alta Vitreous China Syphon Jet Urinal** with integral flushing rim, syphon jet, strainer, trap, top inlet spud for  $1\frac{1}{4}$ -inch O.D. tubing slip joint, and outlet with 2-inch inside I.P. thread. Supported on loose head lag screws.

Tank, enameled cast iron,  $2\frac{1}{2}$ -gallon capacity, with top supply float valve, automatic flush fittings, and flush pipe assembly.

No. F-6250-B, Single Urinal

Width.....	in.	14
Wall to Front.....	in.	14
Height.....	in.	94 $\frac{1}{2}$
Wt., Urinal Only lbs.		52
Wt., Tank and Fittings.....	lbs.	40

No. F-6260-B, Two Urinals with Double Flush Pipe Assembly

Size.....	in.	14
Width.....	in.	38
Wall to Front.....	in.	14

Height.....	inches	94
Weight, Urinal Only.....	pounds	104
Weight, Tank and Fittings.....	pounds	52

Furnished in white only.



## Pre-Shrunk Asbestocel Sectional Pipe Insulation

Canvas Finish and Bands  
Asbestos Finish and Bands  
Aluminum Finish and Bands



A cellular type of insulation for pipes carrying low pressure steam or hot water which offers positive assurance against shrinkage troubles, the one big shortcoming of old style cellular insulation.

Made of moisture-resisting asbestos paper

which prevents moisture absorption from the air and subsequent objectionable shrinkage.

In addition to canvas, it is also furnished with asbestos paper or aluminum finish with black janned bands.

Furnished in 3-foot sections, in thicknesses of 2 to 8 plies, each ply approximately 1/4 inch thick.

Nominal Pipe Size Inches	Per Foot	2-Ply		3-Ply		4-Ply	
		PER CARTON Lineal Ft. of Insulation	No. of 3-Ft. Sections	PER CARTON Lineal Ft. of Insulation	No. of 3-Ft. Sections	PER CARTON Lineal Ft. of Insulation	No. of 3-Ft. Sections
1/2	\$.22	180	60	120	40	84	28
3/4	.24	150	50	105	35	72	24
1	.27	120	40	84	28	60	20
1 1/4	.30	90	30	69	23	51	17
1 1/2	.33	84	28	60	20	45	15
2	.36	60	20	45	15	36	12
2 1/2	.40	45	15	36	12	33	11
3	.45	36	12	27	9	21	7
3 1/2	.50	24	8	21	7	18	6
4	.60	33	11	27	9	21	7
4 1/2	.65	30	10	21	7	18	6
5	.70	21	7	18	6	15	5
6	.80	18	6	15	5	12	4

## 85% Magnesia Sectional Pipe Insulation

For pipes conveying steam. This insulation combines the high insulating qualities of carbonate of magnesia and asbestos and affords a light, efficient insulation. Under actual service conditions, 85% Magnesia has proven to be the most durable and efficient insulating material of the molded type.

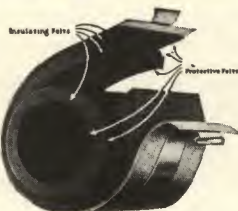


Made in various thicknesses from standard (approximately 1 inch thick) to 3 inches, in 3-foot sections with canvas jacket and brass-lacquered bands, to fit standard pipe sizes up to and including 10 inches diameter. For larger sizes, curved segments or blocks are supplied. Also furnished in blocks for covering boilers, boiler flues, and other large regular and irregular surfaces. For temperatures up to 600° F.

Sold from regular sectional pipe insulation list prices.

## Anti-Sweat Sectional Pipe Insulation

For insulating pipes conveying cold water or other cold liquids at temperatures above 32 degrees Fahrenheit. A combination of insulating felts that keep heat away from the pipe, and waterproofed felts that protect the insulating felts against the admission of moisture.



Anti-sweat insulation prevents condensation of moisture and dripping from pipes and keeps the contents of the pipes cool.

Furnished in thicknesses of 1/2-inch and 3/4-inch solid construction, and in 1-inch, 1 1/2-inch and 2-inch broken joint construction, in 3-foot sections, to fit standard pipe sizes. Not furnished in sheet or block form.

Sold from regular sectional pipe insulating list prices.

## Wool Felt Sectional Pipe Insulation For Hot or Cold Water Service



Made of special indented wool felt by a new process which increases efficiency and reduces weight; new dual-service liner. Furnished in two finishes: Regular canvas, and a smooth dull-coated aluminum. Sections 3 feet long in thicknesses of 1/2, 3/4, 1-inch, double 1/2 and double 3/4-inch. Regular sectional pipe insulation list.

## Hair Felt

Made of cattle hair, carefully selected and chemically cleaned.

Used for refrigerator insulation and for insulating hot and cold water pipes.

Bales 6 feet wide contain 300 square feet; bales 3 feet wide, 150 square feet.

Extra charge for cutting less than 300 square feet.

Thick. In.	Per Sq. Ft.	Wt., Oz. per Sq. Ft.	Thick. In.	Per Sq. Ft.	Wt., Oz. per Sq. Ft.
1/4	\$.08	4	1 1/4	\$.25	13 1/2
1/2	.12	6 1/4	1 1/2	.30	16
3/4	.17	8 1/2	2	.40	21
1	.20	11	...	...	...

## 85% Magnesia Cement

The 85% Magnesia cement is composed of approximately 85% carbonate of magnesia and 15% asbestos fibre. It is exceptionally light, and has a large covering capacity. It is recommended in cases where a cement of high insulating value is desired. Furnished in bags containing 60 pounds each, and has a covering capacity of approximately 35 square feet one inch thick, per bag.

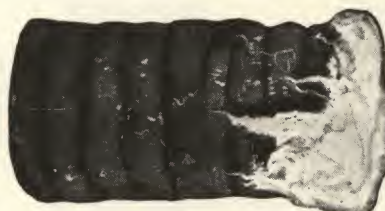
## Asbestos Cement

Made of asbestos fibre and binding materials that have high insulating values. Easy to mix and apply. Durable and attractive surface. Does not crack or peel off. Packed in 100-lb. bags.



Per Pound.....

## No. 1 Cotton Waste



Less than 50-pound bale takes 2 cents per pound advance over 100-pound bale.

Fifty-pound bale takes 1/2 cent per pound advance over 100-pound bale.

Price, No. 1, White.....per pound ....  
" " 1, Colored....." .....





**BRIDGE**

**PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK**

### No. 206 Blake Malleable Iron Pipe Hangers

With Gimlet Pointed Lag Screw

No. 206 Hanger allows for expansion.  
This hanger is strong and easily adjusted.



Size In.	Per 100	SOCKET I.P. Bolt Thread In.	SOCKET Bolt Thread In.	Size In.	Per 100	SOCKET I.P. Bolt Thread In.	SOCKET Bolt Thread In.
3/8	\$28.00	1/8	3/8	3	\$53.00	1/4	1/2
1/2	28.00	1/8	3/8	3 1/2	63.50	3/8	5/8
3/4	30.00	1/8	3/8	4	73.50	3/8	5/8
1	31.00	1/8	3/8	4 1/2	83.50	3/8	5/8
1 1/4	35.00	1/4	1/2	5	103.00	1/2	3/4
1 1/2	38.00	1/4	1/2	6	118.00	1/2	3/4
2	40.00	1/4	1/2	8	188.00	1/2	3/4
2 1/2	47.00	1/4	1/2	10	333.00	1/2	3/4

### No. 205K Blake Malleable Iron Pipe Hangers

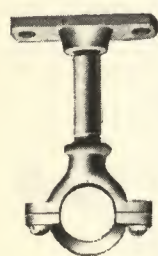
For galvanizing, add 50% to the following prices.

For sockets larger than standard an extra charge will be made.



Size In.	Per 100	SOCKET I.P. Bolt Thread In.	SOCKET Bolt Thread In.	Size In.	Per 100	SOCKET I.P. Bolt Thread In.	SOCKET Bolt Thread In.
3/8	\$21.50	1/8	3/8	3	\$45.00	1/4	1/2
1/2	21.50	1/8	3/8	3 1/2	53.50	3/8	5/8
3/4	23.50	1/8	3/8	4	63.50	3/8	5/8
1	24.50	1/8	3/8	4 1/2	73.50	3/8	5/8
1 1/4	27.00	1/4	1/2	5	88.00	1/2	3/4
1 1/2	30.00	1/4	1/2	6	103.00	1/2	3/4
2	32.00	1/4	1/2	8	173.00	1/2	3/4
2 1/2	39.00	1/4	1/2	10	318.00	1/2	3/4

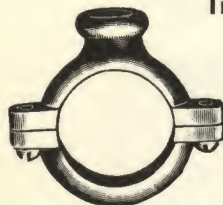
### No. 302 Split Ring Extension Pipe Hangers



Size In.	WITH NIPPLE		LESS NIPPLE	
	Black per 100	Galv. per 100	Black per 100	Galv. per 100
3/8	\$33.00	\$40.00	\$26.00	\$31.00
1/2	34.00	42.00	27.00	33.00
3/4	36.00	43.00	29.00	34.00
1	37.00	45.00	30.00	36.00
1 1/4	42.00	51.00	35.00	42.00
1 1/2	54.00	66.00	47.00	57.00
2	67.00	81.00	60.00	72.00
2 1/2	144.00	156.00	136.00	146.00
3	149.00	161.00	141.00	151.00
4	158.50	171.00	151.00	161.00
5	174.50	196.50	166.00	186.00
6	179.50	201.50	171.00	191.00
8	272.50	324.50	260.00	310.00

### Iron Extension Pipe Hangers

Tapped for 1/4" I. P. with 1/2" bolt tapping optional.



Size Pipe In.	Plain per 100	Galv. per 100	Size Pipe In.	Plain per 100	Galv. per 100
3/8	\$16.00	\$19.00	1 1/4	\$25.00	\$30.00
1/2	17.00	21.00	1 1/2	37.00	45.00
3/4	19.00	22.00	2	50.00	60.00
1	20.00	24.00			

### Tinned Pipe Straps



Size In.	Approx. Wt. Lbs. per 100	Size In.	Approx. Wt. Lbs. per 100
1/4	13 1/4	1 1/2	93 1/4
3/8	28 1/8	2	13 1/4
1/2	27 1/8	2 1/2	20
3/4	41 1/8	3	22 1/4
1	61 1/8	3 1/2	44
1 1/4	75 1/8	4	46

### Acme Adjustable Beam Clamps

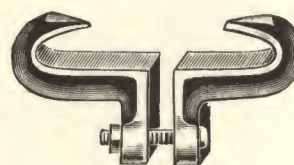


The right and left screw is a drop forging while the clamps are malleable iron.

No.	1-D	1-T	2-D	2-T
Each	\$1.00	1.10	1.50	1.60
Drilled with Hole	1 1/16	1 1/16	1 1/16	1 1/16
Tapped for Bolt	5/8	5/8	5/8	5/8
Takes Beams with Flanges, Width	4-7	4-7	8-13	8-13

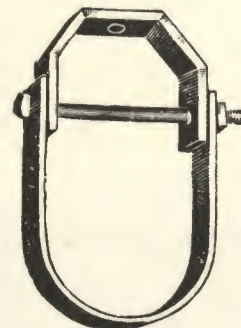
Can be furnished with beams with flanges 2 1/2 or 3 inches wide at price of Nos. 1-D or 1-T as required.

### Malleable Iron Beam Clamps



Size Beam In.	Each	Size Beam In.	Each
2 1/2	\$ .33	5	\$ .43
3	.36	5 1/2	.44
3 1/2	.38	6	.53
4	.39	7	.65
4 1/2	.40	...	...

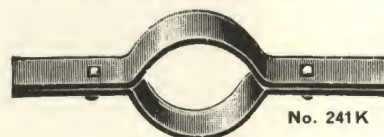
### Wrought Iron Clevis Hangers



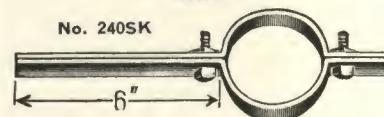
Size Pipe In.	Per 100	Top Section In.	Bottom Section In.	Supporting Cross Rod In.	Supporting Bolt In.
3/4	\$23.00	1 1/8x10g	1 1/8x10g	3/8	1/2
1	24.00	1 1/8x10g	1 1/8x10g	3/8	1/2
1 1/4	28.00	1 1/4x3 1/16	1 1/4x3 1/16	3/8	1/2
1 1/2	30.00	1 1/4x3 1/16	1 1/4x3 1/16	3/8	1/2
2	32.00	1 1/4x3 1/16	1 1/4x3 1/16	3/8	1/2
2 1/2	35.00	1 1/4x3 1/16	1 1/4x3 1/16	3/8	1/2
3	46.00	1 1/2x3 1/16	1 1/2x3 1/16	1/2	9/16
3 1/2	58.00	1 1/2x3 1/16	1 1/2x3 1/16	1/2	9/16
4	64.00	1 1/2x1 1/4	1 1/2x3 1/16	1/2	5/8
5	74.00	1 1/2x1 1/4	1 1/2x3 1/16	1/2	5/8
6	87.00	1 1/2x3 1/8	1 1/2x1 1/4	1/2	3/4
8	135.00	2 x3 1/8	2 x1 1/4	5/8	7/8

Prices of larger sizes on application.

### Wrought Iron Riser Clamps



No. 241K



No. 240SK

#### Specifications

Pipe In.	Stock In.	Bolt In.
1/2 to 5	1 x 1 1/4	1 1/2
6 & 8	1 x 1 1/2	1 1/2
10-14 O.D.	3 x 2	1 1/2
16 O.D.	3 x 2	1 1/2
18 O.D.	3 x 2 1/2	1 1/2
20 O.D.	3 x 3	1 1/2

Pipe, In.	Per 100	Pipe, In.	Per 100	Pipe, In.	Per 100	Pipe, In.	Per 100
3/4	\$41.00	2 1/2	\$51.00	6	\$120.00	16	\$420.00
1	43.00	3	53.00	8	170.00	18	440.00
1 1/4	45.00	3 1/2	66.00	10	252.00	20	460.00
1 1/2	47.00	4	68.00	12	284.00	...	...
2	49.00	5	95.00	14	320.00	...	...

Special clamps of any size iron can be furnished to order.

### Heavy Wrought Iron Pipe Hooks



Size	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
Each	\$.08	.09	.10	.12	.15	.15	.20	.23



## Brass Valves—Screwed



Fig. 1280. Globe Valve



Fig. 1281. Angle Valve

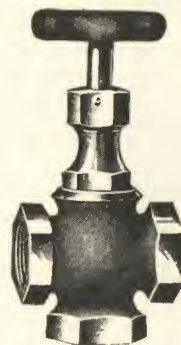


Fig. 1283. Cross Valve

### Standard Brass Valves—Screwed For Steam Working Pressures to 125 Pounds

Size.....	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
Globe Valve.....	.72	.72	.77	1.00	1.26	1.80	2.52	3.50	5.30	10.00	14.40	26.50	36.00
Angle Valve.....	.72	.72	.77	1.00	1.26	1.80	2.52	3.50	5.30	10.00	14.40	26.50	36.00
Cross Valve.....	...	...	...	1.50	2.00	2.50	3.50	5.00	8.00	16.00	24.00	.....	.....

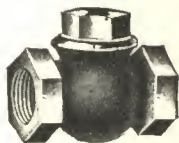


Fig. 1284. Horizontal



Fig. 1285. Vertical

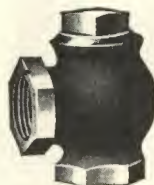


Fig. 1286. Angle

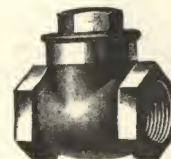


Fig. 1287. Swing

### Brass Check Valves—Screwed—125 Pounds

Size.....	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
Standard Horizontal.....	.65	.65	.70	.90	1.15	1.60	2.25	3.15	4.75	9.00	13.00
Standard Vertical.....	...	...	.77	1.00	1.26	1.80	2.52	3.50	5.30	10.00	14.40
Standard Angle.....	.72	.72	.77	1.00	1.26	1.80	2.52	3.50	5.30	10.00	14.40
Standard Swing.....	...	...	1.80	2.00	2.25	2.80	3.65	4.75	6.75	.....	.....

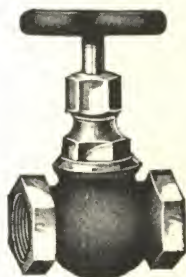


Fig. 1288  
Globe Valve



Fig. 1289  
Angle Valve

### Medium Globe and Angle Valves

#### Brass—Screwed

For Steam Working Pressures up to 175 Pounds

Size.....	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
Each.....	1.25	1.25	1.45	1.85	2.50	3.50	5.25	7.00	10.50	20.00	27.00

### Extra Heavy Globe and Angle Valves

#### Brass—Screwed

For Steam Working Pressures up to 250 Pounds

Size.....	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
Each.....	2.90	3.70	5.00	7.00	10.50	14.00	21.00	40.00	54.00

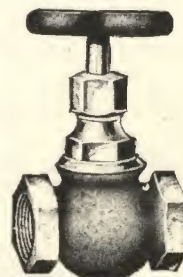


Fig. 1289A  
Globe Valve



Fig. 1289B  
Angle Valve





**Nos. 72 and 57 Detroit Radiator Valves**  
For Steam, with Union and Composition Disc

					
<b>No. 72, Angle</b>			<b>No. 57, Globe</b>		
Size In.	Each	Size In.	Each	Size In.	Each
1/2	\$3.70	1	\$5.10	1 1/2	\$8.40
3/4	4.30	1 1/4	6.40	2	13.60

Has non-breakable, non-heat conducting round handle, with a permanent black hard-rubber finish. Body is in satin finish with nickel trimmings. All threads right hand.

**Nos. 32 and 37 Detroit Radiator Valves**  
For Steam, with Union and Composition Disc

Equipped with a new kind of non-breakable, non-heat conducting round handle, with a permanent black hard-rubber finish. Body is in satin finish with nickel trimmings. All threads right hand.

**No. 32, R.H. Corner**

**No. 37, L.H. Corner**

Size.....in.	1/2	3/4	1	1 1/4	1 1/2	2
R. H. Corner.....ea.	\$4.10	\$4.75	\$5.60	\$7.05	\$9.25	\$15.00
L. H. Corner.....ea.	4.10	4.75	5.60	7.05	9.25	15.00


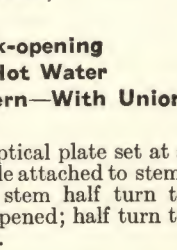
Equipped with a new kind of non-breakable, non-heat conducting round handle, with a permanent black hard-rubber finish. Body is in satin finish with nickel trimmings. All threads right hand.

**Detroit Radiator Valves**



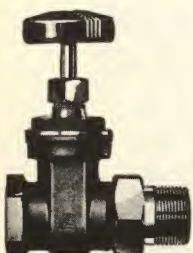
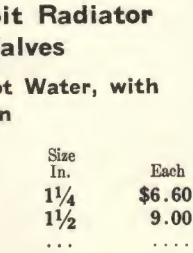
**Quick-opening  
For Hot Water  
Angle Pattern—With Union**

Has an elliptical plate set at a 45-degree angle attached to stem. By revolving stem half turn to left valve is opened; half turn to right closes it.

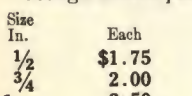

					
<b>No. 101 Round Handle</b>			<b>No. 101 Round Handle</b>		
Size Inches	Each	Size Inches	Each	Size Inches	Each
1/2	\$3.25	1 1/4	\$5.75	1/2	7.30
3/4	3.70	1 1/2	12.00	1	
1	4.50	2			

**No. 373 Detroit Radiator Gate Valves**

For Steam or Hot Water, with Union

					
<b>No. 373 Detroit Radiator Gate Valves</b>			<b>No. 373 Detroit Radiator Gate Valves</b>		
Size In.	Each	Size In.	Each	Size In.	Each
1/2	\$3.65	1 1/4	\$6.60	1/2	9.00
3/4	4.25	1 1/2		1	
1	5.20	2			

**No. 132 Detroit Union Elbows**  
Rough nickel plated.

					
<b>No. 132 Detroit Union Elbows</b>			<b>No. 132 Detroit Union Elbows</b>		
Size In.	Each	Size In.	Each	Size In.	Each
1/2	\$1.75	1 1/4	\$3.30	1/2	4.25
3/4	2.00	1 1/2	4.25	1	7.20
1	2.50	2	7.20		

BRIDGE PLUMBERS SUPPLY CO.

**No. B-937 Re-Nu Compression Double Pantry Faucets**

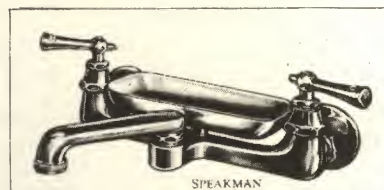


Re-Nu compression double pantry faucet with rigid gooseneck spout, metal lever handles, lock nut, and special connection with union coupling and two 1/4-inch outside I.P.S. tail-pieces.

Exposed metal Chromard finish.

No. B-937.....each .....

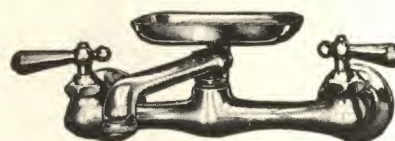
**No. 5503 Speakman Graceline Compression Double Sink Faucets**



Chromium-plated all-metal compression double sink faucet with renewable seats, elevated swing spout, removable metal soap dish, adjustable lever handles, and 1/2-inch adjustable flanges with inside or outside I.P. threads, 8 inches center to center.

Equipped with anti-splash gauze strainer on outlet.  
No. 5503.....each .....

**No. 5506 Speakman Compression Double Sink Faucets**



Chromium-plated compression double sink faucet with renewable seats, elevated swing spout, non-splash nozzle, removable metal soap dish, adjustable metal lever handles, 1/2-inch male connections, adjustable threaded flanges, 8 inches center to center.

Equipped with stream regulator on outlet  
No. 5506.....each .....

**Sink Drain Plugs**

For sinks with 3 1/2-inch outlet. Chromard finish.

**No. B-989 with Stopper**

Cast brass sink drain plug with removable crumb cup, stopper, and 1 1/2-inch O.D. tubing tail-piece.

No. B-989...each ....



No. B-989

**No. B-991 with Removable Grid**

Cast brass sink drain plug with removable grid and 1 1/2-inch O.D. tubing tail-piece.

No. B-991...each ....



No. B-991



## Jenkins Bronze Globe, Angle and Cross Valves

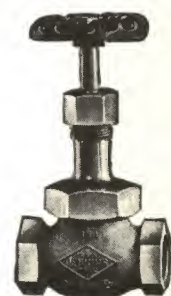
For 150 Pounds Steam Working Pressure or 250 Pounds Oil, Water, Gas Working Pressure

These valves have a slip-on stay-on disc holder; when the valve is opened a turn or so, trimming may be removed from body without the disc holder falling off.

The one-piece screw-over bonnet gives additional strength and ease of taking apart and putting together.

Extra deep stuffing box holds a large quantity of packing, compressed by follower, requiring less renewal.

Regularly fitted with Jenkins renewable composition discs for 150 pounds steam; when ordered, can be furnished with discs for hot or cold water, air, gas, oil, gasoline.



No. 106A, Globe  
Screwed



No. 108-A, Angle  
Screwed

Size In.	No. 106-A Globe Screwed	No. 107-A Globe Flanged	No. 109-A Angle Screwed	No. 110-A Cross Screwed	No. 111-A Cross Flanged	Globe, Face to Face Flgd., In.	Angle, Cross, Ctr. to Face Flgd., In.	Thick- ness Flan- ges In.
1/8	\$2.40	.....	.....	.....	.....	3	1 11/16	9/32
1/4	2.60	\$9.00	.....	.....	.....	3 1/4	1 13/16	9/32
3/8	3.00	10.20	.....	5.80	.....	3 3/4	2 1/4	5/16
1/2	3.60	11.40	.....	6.40	\$20.00	3 7/8	2 1/2	11/32
3/4	4.70	13.00	.....	7.00	23.00	4 1/8	2 3/4	3/8
1	6.60	15.00	.....	9.20	26.00	4 3/8	2 7/8	13/32
1 1/4	8.60	23.00	.....	13.50	34.00	5 1/2	3 3/8	1/2
1 1/2	12.00	28.00	.....	18.00	43.00	6 1/2	3 3/4	9/16
2	19.00	42.00	.....	27.00	65.00	7 1/2	4 1/8	5/8
2 1/2	34.00	63.00	.....	57.00	95.00	8 3/8	4 3/8	5/8
3	48.00	86.00	.....	80.00	125.00	.....	.....	.....

## Jenkins Composition Discs



No. 223, Round Hole



No. 101, Square Hole

Inquiries for disc recommendations to meet special service requirements should include specific information about temperatures, pressures, and type of valve in which disc is to be used.

Size In.	Each	Size In.	Each	Size In.	Each	Size In.	Each
1/4	\$0.06	2	\$0.36	6	\$2.00	16	\$8.00
3/8	.08	2 1/2	.48	7	2.40	18	10.00
1/2	.08	3	.80	8	2.80	20	12.00
3/4	.10	3 1/2	1.00	9	3.60	22	15.00
1	.12	4	1.20	10	4.50	24	18.00
1 1/4	.18	4 1/2	1.40	12	5.00	..	.....
1 1/2	.24	5	1.60	14	7.00	..	.....

## No. 269 Jenkins Steam Metal Discs

For Jenkins Valves

For saturated steam at high pressure or temperatures not exceeding 500° up to 300 pounds pressure. Used in Jenkins extra heavy bronze and iron

body globe, angle, and cross valves.

Made of bronze, the same composition as the body metal used for regular Jenkins valves.

Size Inches	Each	Size Inches	Each	Size Inches	Each
1/4	\$0.30	2	\$1.00	6	\$8.00
3/8	.30	2 1/2	1.90	7	11.50
1/2	.35	3	2.70	8	12.50
3/4	.40	3 1/2	4.20	9	16.30
1	.50	4	5.00	10	17.50
1 1/4	.55	4 1/2	6.20	12	22.80
1 1/2	.65	5	7.20	14	30.60

## No. 1 Kennedy Bronze Gate Valves

Low Pressure, Solid Wedge Disc, Stationary Stem

For 100 Pounds Steam Working Pressure  
For 125 Pounds Water Working Pressure

This valve has body and bonnet in combination of a spherical or globular shape. Heavy end ribs are used which give a bracing and stiffening effect against the strains of connecting pipes, expansion, contraction, etc.

Can be furnished with wooden wheel.

Prices given are for rough body and iron wheel.

Size Inches	Each	End to End In.	Size Inches	Each	End to End In.
1/4	\$2.40	1 11/16	1 1/4	\$6.00	2 1/2
3/8	2.40	1 11/16	1 1/2	8.00	2 3/4
1/2	2.60	1 7/8	2	11.00	3 1/4
3/4	3.30	2	2 1/2	19.00	3 11/16
1	4.40	2 1/8	3	28.00	4 3/8

## Jenkins Bronze Gate Valves

Standard Pattern—Travelling Spindle

For 125 Pounds Steam Working Pressure or 200 Pounds Oil, Water, Gas Working Pressure

These valves are of the double face solid wedge type.

Can be repacked under full pressure when in open or closed position.



No. 47  
Screwed

Size Inches	Screwed No. 47 Each	No. 48 Each	Flanged Face to Face Inches	Diameter Flanges Inches
1/4	\$2.40	.....	.....	.....
3/8	2.40	.....	.....	.....
1/2	2.60	.....	.....	.....
3/4	3.30	\$14.00	3 3/8	3 7/8
1	4.40	16.00	3 15/16	4 1/4
1 1/4	6.00	19.50	4 1/2	4 5/8
1 1/2	8.00	24.00	4 7/8	5
2	11.00	37.50	5 3/4	6
2 1/2	19.00	49.00	6 1/2	7
3	28.00	57.50	7 3/8	7 1/2

## Jenkins Bronze Gate Valves

Inside Screw, Stationary Spindle

For 125 Lbs. Steam Working Pressure  
200 Lbs. Oil, Water and Gas

This valve has gland stuffing box. Fitted with malleable iron, non-heat hand wheel.



No. 370,  
Screwed

Size In.	No. 370 Screwed Each	No. 371 Flanged Face to Face In.	Diam. Flanges In.
1/4	\$2.40	.....	.....
3/8	2.40	.....	.....
1/2	2.60	.....	2 15/16
3/4	3.30	\$14.00	3 3/8
1	4.40	16.00	3 15/16
1 1/4	6.00	19.50	4 1/2
1 1/2	8.00	24.00	4 7/8
2	11.00	37.50	5 3/4
2 1/2	19.00	49.00	6 1/2
3	28.00	57.50	7 3/8

## Jenkins Bronze Gate Valves

Standard Pattern

Outside Screw and Yoke, Rising Spindle

Working Pressure: 125 Pounds Steam; 200 Pounds Water

The yoke is in one piece with the bonnet, and has gland stuffing box which can be repacked when valve is wide open.



No. 368, Screwed

Size In.	Face to Face Flanged Inches	Diam. Flanges Inches	PRICE, EACH	No. 368 Screwed	No. 369 Flanged
3/4	3 3/8	3 7/8	\$15.00	\$23.00	
1	3 15/16	4 1/4	17.00	25.00	
1 1/4	4 1/2	4 5/8	20.00	28.00	
1 1/2	4 7/8	5	25.00	35.00	
2	5 3/4	6	33.00	52.00	
2 1/2	6 1/2	7	50.00	66.00	
3	7 3/8	7 1/2	83.00	90.00	

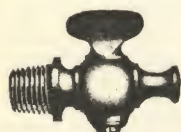




**BRIDGE**

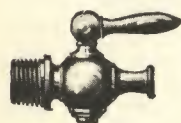
**PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK**

**Air Cocks**



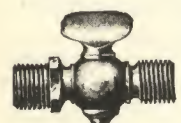
Tee Handle Straight Nose				
No.	6	7	*8	*9
Size.....inches	1/8	1/4	3/8	1/2
Each.....	\$.40	.45	.50	.60
No.	*10	*11	*71	*72
Size.....inches	3/4	1	1 1/8	1 1/4
Each.....	\$.90	1.25	.45	.50

\*With hexagon shoulder.

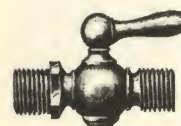


Lever Handle Straight Nose				
No.	12	13	*14	*15
Size.....inches	1/8	1/4	3/8	1/2
Each.....	\$.55	.60	.65	.75
No.	*16	*17	*73	*74
Size.....inches	3/4	1	1 1/8	1 1/4
Each.....	\$1.15	1.40	.60	.65

\*With hexagon shoulder.



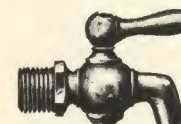
Tee Handle Male Both Ends With Hexagon Shoulder				
No.	18	19	20	21A
Size.....in.	1/8	1/4	3/8	1/2
Each.....	\$.55	.65	.75	.90
No.	22	23	24	25
Size.....in.	1/8	1/4	3/8	1/2
Each.....	\$.70	.80	.90	1.05



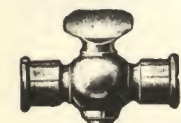
Lever Handle Male Both Ends With Hexagon Shoulder				
No.	22	23	24	25
Size.....in.	1/8	1/4	3/8	1/2
Each.....	\$.70	.80	.90	1.05
No.	26	27	28	29
Size.....in.	1/8	1/4	3/8	1/2
Each.....	\$.70	.80	.90	1.00



Tee Handle Bibb Nose Male With Hexagon Shoulder				
No.	26	27	28	29
Size.....in.	1/8	1/4	3/8	1/2
Each.....	\$.70	.80	.90	1.00
No.	30	31	32	33
Size.....in.	1/8	1/4	3/8	1/2
Each.....	\$.85	.95	1.05	1.15



Lever Handle Bibb Nose Male With Hexagon Shoulder				
No.	30	31	32	33
Size.....in.	1/8	1/4	3/8	1/2
Each.....	\$.85	.95	1.05	1.15
No.	34	35	36	37
Size.....in.	1/8	1/4	3/8	1/2
Each.....	\$.85	.95	1.05	1.15



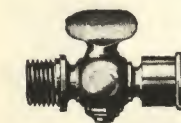
Tee Handle Female Both Ends				
No.	48	49	*93	*94
Size.....in.	1/8	1/4	1/8	1/4
Each.....	\$.65	.70	.60	.65
No.	50	51	52	53
Size.....in.	1/8	1/4	3/8	1/2
Each.....	\$.85	.90	1.00	1.10

\*Lightweight.



Lever Handle Female Both Ends				
No.	51	52	*95	*96
Size.....in.	1/8	1/4	1/8	1/4
Each.....	\$.80	.85	.75	.80
No.	53	54	55	56
Size.....in.	1/8	1/4	3/8	1/2
Each.....	1.00	1.10	1.20	1.30

\*Lightweight.



Tee Handle Male and Female Ends				
No.	42	43	44	44A
Size.....inches	1/8	1/4	3/8	1/2
Each.....	\$.75	.80	.90	1.15
No.	45	46	47	47A
Size.....inches	1/8	1/4	3/8	1/2
Each.....	\$.90	.95	1.05	1.30

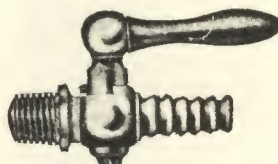


Lever Handle Male and Female Ends				
No.	45	46	47	47A
Size.....inches	1/8	1/4	3/8	1/2
Each.....	\$.90	.95	1.05	1.30

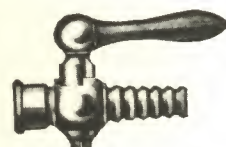
Can be furnished with spring and washer at 15 cents extra.

**Air Hose Cocks**

**With Male Thread**

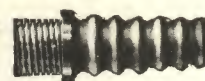


**With Female Thread**



No.	Size In.	N.P. Each	Brass Fin. Each	No.	Size In.	N.P. Each	Brass Fin. Each
746	1/8	\$.51	\$.49	754	1/8	\$.50	\$.48
747	1/4	.53	.51	755	1/4	.52	.50
748	3/8	.66	.63	756	3/8	.55	.53
749	1/2	.81	.78	757	1/2	.72	.70

**Air Hose Nipples**



No.	Size In.	N.P. Each	Brass Fin. Each	No.	Size In.	N.P. Each	Brass Fin. Each
738	1/8	\$.10	\$.11	740	3/8	.12	.18
739	1/4	.11	.13	741	1/2	.18	.25
740	3/8	.12	.18				
741	1/2	.18	.25				

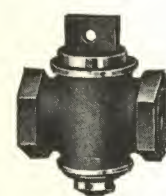
**Brass Gas Service Cocks**

**Female Thread, Flat and Square Heads**

**Without Check Pin.**



**Square Head**



**Flat Head**

Size.....in.	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Each.....	\$.90	1.00	1.10	1.30	2.10	3.25	4.60	8.00

Square head furnished unless otherwise specified.

**Brass Gas Service Cocks**

**Female Thread, Tee Head Only**

**With Check Pin**



Size ..in.	1/4	3/8	1/2	3/4	1	1 1/4
Each...	\$1.05	1.15	1.30	1.55	2.40	3.70

**No. 43 Jarecki Malleable Iron Cock Wrenches**



No.	1	2	3	4	5	6	7	8	9
Sq. Opening ..in.	3/16	3/8	1/2	5/8	3/4	1 1/16	1	1 1/16	1 1/2
Black..each	\$.05	.06	.08	.12	.19	.23	.25	.48	.56



## National Standard Pipe

Black and Galvanized Steel

Revised August 1, 1936



The permissible variation in weight is 5 per cent above and 5 per cent below.

Furnished with threads and couplings and in random lengths unless otherwise ordered.

Taper of threads is  $\frac{3}{4}$ -inch diameter per foot length for all sizes.

The weight per foot of pipe with threads and couplings is based on a length of 20 feet, including the coupling, but shipping lengths of small sizes will usually average less than 20 feet.

On sizes made in more than one weight, weight desired must be specified.

For pipe smoothed on the inside, known as reamed and drifted, an extra charge will be made above standard pipe.

For galvanized, coated pipe, or copper-steel pipe, an extra charge will be made above black.

On orders calling for commercial sizes of pipe which are finished with threads and couplings, in sizes  $\frac{1}{8}$  to 12-inch, inclusive, and where orders specify quantity in linear feet, it is understood that random lengths fitted with threads both ends and coupling one end will be supplied and the measurement is charged from end to end, that is over all, including coupling.

If cut lengths of any sizes are ordered, instructions must appear on the face of the order whether plain ends, threads only or threads and couplings are required. The pipe proper is cut to the length specified for plain ends or threads only, and if cut lengths with threads and couplings are specified, the practice is the same with the exception that the couplings are charged separately whether they are shipped loose or screwed on the pipe.

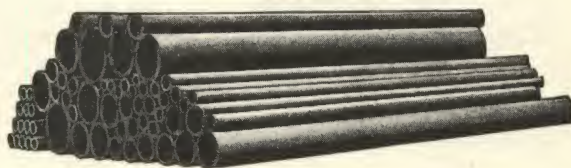
### All Weights and Dimensions are Nominal

Size Inches	Price per Foot	DIAM., INCHES		Thick- ness Inches	WT. LBS., PER FT.		No. of Threads and Couplings per Inch
		External	Internal		Plain End	Coupled	
$\frac{1}{8}$	\$.05 $\frac{1}{2}$	.405	.269	.068	.24	.24	27
$\frac{1}{4}$	.06	.540	.364	.088	.42	.42	18
$\frac{3}{8}$	.06	.675	.493	.091	.56	.56	18
$\frac{1}{2}$	.08 $\frac{1}{2}$	.840	.622	.109	.85	.85	14
$\frac{3}{4}$	.11 $\frac{1}{2}$	1.050	.824	.113	1.13	1.13	14
1	.17	1.315	1.049	.133	1.67	1.68	11 $\frac{1}{2}$
1 $\frac{1}{4}$	.23	1.660	1.380	.140	2.27	2.28	11 $\frac{1}{2}$
1 $\frac{1}{2}$	.27 $\frac{1}{2}$	1.900	1.610	.145	2.71	2.73	11 $\frac{1}{2}$
2	.37	2.375	2.067	.154	3.65	3.67	11 $\frac{1}{2}$
2 $\frac{1}{2}$	.58 $\frac{1}{2}$	2.875	2.469	.203	5.79	5.81	8
3	.76 $\frac{1}{2}$	3.500	3.068	.216	7.57	7.61	8
3 $\frac{1}{2}$	.92	4.	3.548	.226	9.10	9.20	8
4	1.09	4.500	4.026	.237	10.79	10.88	8
5	1.48	5.563	5.047	.258	14.61	14.81	8
6	1.92	6.625	6.065	.280	18.97	19.18	8
8	2.50	8.625	8.071	.277	24.69	25.	8
8	2.88	8.625	7.981	.322	28.55	28.80	8
10	3.20	10.750	10.192	.279	31.20	32.	8
10	3.50	10.750	10.136	.307	34.24	35.	8
10	4.12	10.750	10.020	.365	40.48	41.13	8
12	4.50	12.750	12.090	.330	43.77	45.	8
12	5.07	12.750	12.	.375	49.56	50.70	8

## National Extra Strong and Double Extra Strong Pipe

Black and Galvanized Steel

Revised August 1, 1936



Furnished with plain ends and in random lengths unless otherwise ordered.

Random length of extra strong and double extra strong pipe is considered to be 12 feet to 22 feet, we to have the privilege, however, of supplying not exceeding 5 per cent of total order in lengths from 6 to 12 feet.

For pipe fitted with threads only or with threads and couplings, an extra charge will be made above plain ends.

For cut lengths, an extra charge will be made above random.

For galvanized, coated pipe, or copper-steel pipe, an extra charge will be made above black.

### All Weights and Dimensions are Nominal

#### Extra Strong

Size Inches	Per Foot	DIAMETER, INCHES		Thick- ness Inches	Weight Pounds per Foot Plain Ends
		External	Internal		
$\frac{1}{8}$	\$.12	.405	.215	.095	.31
$\frac{1}{4}$	.07 $\frac{1}{2}$	.540	.302	.119	.53
$\frac{3}{8}$	.07 $\frac{1}{2}$	.675	.423	.126	.73
$\frac{1}{2}$	.11	.840	.546	.147	1.08
$\frac{3}{4}$	.15	1.050	.742	.154	1.47
1	.22	1.315	.957	.179	2.17
1 $\frac{1}{4}$	.30	1.660	1.278	.191	2.99
1 $\frac{1}{2}$	.36 $\frac{1}{2}$	1.900	1.500	.200	3.63
2	.50 $\frac{1}{2}$	2.375	1.939	.218	5.02
2 $\frac{1}{2}$	.77	2.875	2.323	.276	7.66
3	1.03	3.500	2.900	.300	10.25
3 $\frac{1}{2}$	1.25	4.	3.364	.318	12.50
4	1.50	4.500	3.826	.337	14.93
5	2.08	5.563	4.813	.375	20.77
6	2.86	6.625	5.761	.432	28.57
8	4.34	8.625	7.625	.500	43.38
10	5.48	10.750	9.750	.500	54.73
12	6.55	12.750	11.750	.500	65.41

The permissible variation in weight is 5 per cent above and 5 per cent below.

### Pipe Bundling Schedule

#### Average Number of Feet and Weight per Bundle

Size In.	Standard Pipe			Extra Strong Pipe			Double Extra Strong Pipe		
	Pieces	Ft.	Wt. Lbs.	Pieces	Ft.	Wt. Lbs.	Pieces	Ft.	Wt. Lbs.
$\frac{1}{8}$	30	500	123	30	500	157	..	..	..
$\frac{1}{4}$	24	420	179	24	400	214	..	..	..
$\frac{3}{8}$	18	340	193	18	330	244	..	..	..
$\frac{1}{2}$	12	240	204	12	230	250	7	130	223
$\frac{3}{4}$	7	140	159	7	140	206	5	95	232
1	5	100	168	5	100	217	3	60	220
1 $\frac{1}{4}$	3	60	137	3	60	180	3	60	313
1 $\frac{1}{2}$	3	60	164	3	60	218	3	60	384





**Byers Genuine Wrought Iron Pipe**  
For Water, Steam, Air, Gas, and Oil  
All Dimensions and Weights are Nominal  
Standard Weight—Black and Galvanized



Nom. Size In.	Per Foot	DIAMETER, INCHES		Wall Thickness Inches	Threads per Inch	HYDROSTATIC TEST PRESSURES		COUPLINGS		WEIGHT, LBS. PER FT.	
		External	Internal			Butt Weld	Lap Weld	External Diam., In.	Length Inches	Plain Ends	Threads & Couplings
1/8	\$.051 1/2	.405	.266	.069	27	700	....	.562	7/8	.24	.24
1/4	.06	.540	.360	.090	18	700	....	.685	1	.42	.42
3/8	.06	.675	.489	.093	18	700	....	.848	1 1/8	.56	.56
1/2	.08 1/2	.840	.617	.111	14	700	....	1.024	1 3/8	.85	.85
3/4	.11 1/2	1.050	.819	.115	14	700	....	1.281	1 5/8	1.13	1.13
1	.17	1.315	1.043	.136	11 1/2	700	....	1.576	1 7/8	1.67	1.68
† 1 1/4	.23	1.660	1.374	.143	11 1/2	700	1000	1.950	2 1/8	2.27	2.28
† 1 1/2	.27 1/2	1.900	1.604	.148	11 1/2	700	1000	2.218	2 3/8	2.71	2.73
† 2	.37	2.375	2.060	.158	11 1/2	700	1000	2.760	2 5/8	3.65	3.67
2 1/2	.58 1/2	2.875	2.460	.208	8	....	1000	3.276	2 7/8	5.79	5.81
3	.76 1/2	3.500	3.059	.221	8	....	1000	3.948	3 1/8	7.57	7.61
3 1/2	.92	4.000	3.538	.231	8	....	1000	4.591	3 5/8	9.10	9.20
4	1.09	4.500	4.016	.242	8	....	1000	5.091	3 7/8	10.79	10.88
* 4 1/2	1.27	5.000	4.496	.252	8	....	1000	5.591	3 7/8	12.53	12.64
5	1.48	5.563	5.036	.263	8	....	1000	6.296	4 1/8	14.61	14.81
6	1.92	6.625	6.053	.286	8	....	1000	7.358	4 1/8	18.97	19.18
* 7	2.38	7.625	7.011	.307	8	....	1000	8.358	4 1/8	23.54	23.76
8	2.50	8.625	8.059	.283	8	....	800	9.420	4 5/8	24.69	25.00
8	2.88	8.625	7.967	.329	8	....	1000	9.420	4 5/8	28.55	28.80
* 9	3.45	9.625	8.927	.349	8	....	900	10.420	5 1/8	33.90	34.18
10	3.20	10.750	10.181	.284	8	....	600	11.721	6 1/8	31.20	32.00
10	3.50	10.750	10.124	.313	8	....	800	11.721	6 1/8	34.24	35.00
10	4.12	10.750	10.005	.372	8	....	900	11.721	6 1/8	40.48	41.13
* 11	4.63	11.750	10.985	.382	8	....	800	12.721	6 1/8	45.55	46.24
12	4.50	12.750	12.077	.336	8	....	600	13.958	6 1/8	43.77	45.00
12	5.07	12.750	11.985	.382	8	....	800	13.958	6 1/8	49.56	50.70

\*These sizes are listed but are not standard; earlier delivery can usually be made on other sizes.

†These sizes can be furnished in either butt weld or lap weld. Specify which class of material is desired.

When ordering 8, 10, or 12-inch standard weight pipe, specify weight desired.

For standard weight and extra strong pipe, the permissible variation in weight is 5% above or below nominal weight. The permissible variation for double extra strong pipe is 10% above or below

nominal weight.

Standard weight pipe furnished with threads and couplings and in random lengths unless otherwise ordered. Extra strong and double extra strong pipe furnished with plain ends and in random lengths unless otherwise ordered.

For galvanized or special coated pipe, an extra charge is made above black pipe.

Threads are cut to American Standard (Briggs) working gages as made by Pratt & Whitney Company, Hartford, Conn.

### Lap Welded Boiler Tubes

Steel or Charcoal Iron

Adopted January 1, 1929



Out-side Diam. In.	STD. MIN. THICKNESS Birminghams Wire Gauge	In.	PER FOOT			
			Std. Thick-ness	1 Extra Wire Gauge	2 Extra Wire Gauge	3 Extra Wire Gauge
1 1/2	13	.095	....	....	....	....
1 3/4	13	.095	....	....	....	....
2	13	.095	....	....	....	....
2 1/4	12	.109	....	....	....	....
2 1/2	12	.109	....	....	....	....
2 3/4	12	.109	....	....	....	....
3	12	.109	....	....	....	....
3 1/4	11	.120	....	....	....	....
3 1/2	11	.120	....	....	....	....
4	10	.134	....	....	....	....
4 1/2	10	.134	....	....	....	....
5	9	.148	....	....	....	....
6	8	.165	....	....	....	....

Prices on application.

### Approximate Manufacturing Weights of Steel Tubes

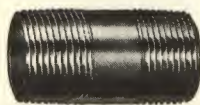
1 1/2	13	.095	1.63	1.86	2.03	2.24	2.46
1 3/4	13	.095	1.93	2.20	2.40	2.66	2.91
2	13	.095	2.22	2.53	2.77	3.07	3.37
2 1/4	12	.109	2.86	3.14	3.47	3.82	4.22
2 1/2	12	.109	3.20	3.51	3.90	4.28	4.74
2 3/4	12	.109	3.53	3.87	4.30	4.72	5.24
3	12	.109	3.87	4.24	4.71	5.18	5.75
3 1/4	11	.120	4.61	5.13	5.63	6.25	6.78
3 1/2	11	.120	4.98	5.54	6.09	6.76	7.33
4	10	.134	6.36	7.00	7.77	8.44	9.46
4 1/2	10	.134	7.18	7.91	8.78	9.54	10.71
5	9	.148	8.82	9.79	10.66	11.95	12.91
6	8	.165	11.82	12.86	14.45	15.61	16.84

All weights and dimensions are nominal. The A. S. M. E. Specifications provide that boiler tubes must not be lighter than the gauge ordered, and as it is impossible to manufacture to an exact weight, the variation will necessarily be represented by overweight. In the table printed above the exact theoretical weight of each gauge together with the best estimate of the average shipping weight, is given, and the list price is based on the estimated shipping weight. Tubes may vary from such estimated shipping weight, but, in accordance with the A. S. M. E. Specifications, they will not be lighter than the minimum theoretical weight of the gauge ordered.



## Brass Nipples

## Iron Pipe Size

Close  
No. 652Shoulder or Short  
No. 653

The term "short nipples" is used to describe nipples of the next size longer than "close".

"Shoulder nipples" is understood to have the same meaning as "short".

"Space nipples" and "long nipples" describe nipples longer than the short or shoulder nipples.

Length Inches	EACH DIAMETER, INCHES						
	1/8	1/4	3/8	1/2	3/4	1	1 1/4
3/4	\$.11	...	...	...	...	...	...
7/8	...	\$.13	...	...	...	...	...
1	...	...	\$.15	...	...	...	...
1 1/8	...	...	...	\$.23	...	...	...
1 3/8	...	...	...	...	\$.28	...	...
1 1/2	.13	.16	.19	.25	...	\$.37	...
1 5/8	...	...	...	...	...	...	\$.60
2	.15	.19	.23	.30	.35	.44	...
2 1/2	.17	.22	.27	.35	.42	.53	.75
3	.19	.25	.31	.40	.49	.62	.88
3 1/2	.21	.28	.35	.45	.56	.71	1.01
4	.23	.31	.39	.50	.63	.80	1.14
4 1/2	.25	.34	.43	.55	.70	.89	1.27
5	.27	.37	.47	.60	.77	.98	1.40
5 1/2	.29	.40	.51	.65	.84	1.07	1.53
6	.31	.43	.55	.70	.91	1.16	1.66

Length Inches	EACH DIAMETER, INCHES				
	1 1/2	2	2 1/2	3	3 1/2
1 3/4	\$.70	...	...	...	...
2	...	\$1.00	...	...	...
2 1/2	.90	1.20	\$1.70	...	...
2 3/4	...	...	...	\$2.50	...
2 3/4	...	...	...	...	\$4.00
2 7/8	...	...	...	...	...
3	1.05	1.40	2.00	2.90	...
3 1/2	1.20	1.60	2.30	3.30	...
4	1.35	1.80	2.60	3.70	5.40
4 1/2	1.50	2.00	2.90	4.10	6.00
5	1.65	2.20	3.20	4.50	6.60
5 1/2	1.80	2.40	3.50	4.90	7.20
6	1.95	2.60	3.80	5.30	7.80

## Extras to be Added to the Above List

Red Brass.....	25%	Polished.....	50%
Copper.....	25%	Nickel Plated....	75%
Extra Heavy.....	100%	Chromium Plated...	100%
Right and Left.....	50%	Tinned.....	75%

## No. 651 Brass Flange Unions

For Steam Working Pressures:

Standard, 150 Pounds; Extra Heavy, 250 Pounds



Furnished with steel bolts and nuts and rubber gaskets.

Size Inches	Standard Each	Extra Heavy Each	Size Inches	Standard Each	Extra Heavy Each
1/2	\$4.00	...	3	\$15.00	\$24.00
3/4	4.50	\$7.50	3 1/2	18.00	27.00
1	5.00	8.50	4	22.00	30.00
1 1/4	5.50	11.00	5	35.00	48.00
1 1/2	7.00	13.00	6	45.00	60.00
2	9.00	16.00	8	80.00	100.00
2 1/2	11.50	18.00	...	...	...

Anaconda 67 Brass, Anaconda 85 Red Brass  
and Copper Pipe

## Iron Pipe Sizes



Anaconda Brass Pipe is made from the best grades of copper and zinc. Both copper and zinc, the raw materials of brass, come from Anaconda mines. Every step of the manufacture of Anaconda Brass Pipe, from the mining of the ore to the finished product, is under the coordinated control of a single organization.

Brass pipe does not rust, therefore it has a long life. It insures a full flow of clear water.

By installing Anaconda Brass Pipe instead of rustable pipe the home-builder obtains an effective form of insurance, protecting him against rust annoyance and expensive repairs.

Special sizes of Anaconda Brass and Copper Pipe are made to order in such dimensions and gauges as the contractor or architect may require.

Variations from the weights given below must be expected in practice. The weights are based on the following densities: yellow brass, .307 pounds per cubic inch; red brass, .316 pounds per cubic inch; copper, .323 pounds per cubic inch.

Iron Pipe Size Inches	ACTUAL Outside Inches	DIAMETER Inside Inches	Wall Thick- ness Inches	WEIGHT, POUNDS PER FOOT		
				67 Brass	85 Red Brass	Copper
1/8	.405	.281	.0620	.246	.253	.259
1/4	.540	.375	.0825	.437	.450	.460
3/8	.675	.494	.0905	.612	.630	.643
1/2	.840	.625	.1075	.911	.938	.957
3/4	1.050	.822	.1140	1.24	1.27	1.30
1	1.315	1.062	.1265	1.74	1.79	1.83
1 1/4	1.660	1.368	.1460	2.56	2.63	2.69
1 1/2	1.900	1.600	.1500	3.04	3.13	3.20
2	2.375	2.062	.1565	4.02	4.14	4.23
2 1/2	2.875	2.500	.1875	5.83	6.00	6.14
3	3.500	3.062	.2190	8.31	8.56	8.75
3 1/2	4.000	3.500	.2500	10.85	11.17	11.41
4	4.500	4.000	.2500	12.29	12.66	12.94
4 1/2	5.000	4.500	.2500	13.74	14.15	14.46
5	5.563	5.063	.2500	15.40	15.85	16.21
6	6.625	6.125	.2500	18.44	18.99	19.41
7	7.625	7.062	.2815	23.92	24.63	25.17
8	8.625	8.000	.3125	30.05	30.95	31.63
9	9.625	8.937	.3440	36.94	38.03	38.83
10	10.750	10.019	.3655	43.91	45.20	46.22
11	11.750	11.000	.3750	49.37	50.81	51.94
12	12.750	12.000	.3750	53.71	55.29	56.51

## Extra Strong

Iron Pipe Size Inches	ACTUAL Outside Inches	DIAMETER Inside Inches	Wall Thick- ness Inches	WEIGHT, POUNDS PER FOOT		
				67 Brass	85 Red Brass	Copper
1/8	.405	.205	.100	.353	.363	.371
1/4	.540	.294	.123	.593	.611	.624
3/8	.675	.421	.127	.805	.829	.847
1/2	.840	.542	.149	1.19	1.23	1.25
3/4	1.050	.736	.157	1.62	1.67	1.71
1	1.315	.951	.182	2.39	2.46	2.51
1 1/4	1.660	1.272	.194	3.30	3.39	3.46
1 1/2	1.900	1.494	.203	3.99	4.10	4.19
2	2.375	1.933	.221	5.51	5.67	5.79
2 1/2	2.875	2.315	.280	8.41	8.66	8.84
3	3.500	2.892	.304	11.24	11.57	11.82
3 1/2	4.000	3.358	.321	13.67	14.07	14.37
4	4.500	3.818	.341	16.41	16.89	17.25
4 1/2	5.000	4.250	.375	20.07	20.66	21.10
5	5.563	4.813	.375	22.52	23.18	23.67
6	6.625	5.751	.437	31.32	32.21	32.93
7	7.625	6.625	.500	41.23	42.43	43.34
8	8.625	7.625	.500	47.02	48.39	49.42
9	9.625	8.625	.500	52.81	54.34	55.56
10	10.750	9.750	.500	59.32	61.05	62.40





### Rough Brass Screwed Fittings

Iron Pipe Size  
For 125 Pounds S.W.P.



No. 625, Elbow



No. 626, 45° Elbow



No. 627, Tee



No. 629, Cross



No. 628, Y Bend

Size	inches	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8
Elbows, 90°	ea.	.12	.15	.20	.28	.40	.63	.90	1.20	2.00	3.50	6.00	8.00	10.00	25.00	40.00	80.00
Elbows, Reducing, 90°	ea.		.19	.25	.35	.50	.80	1.10	1.50	2.50	4.25	7.50	10.00	12.50	31.00	50.00	100.00
Elbows, 45°	ea.	.16	.20	.25	.31	.40	.63	.90	1.20	2.00	3.50	6.00	8.00	10.00	25.00	40.00	80.00
Elbows, Street, 90°	ea.	.25	.27	.33	.48	.63	.85	1.50	2.00	3.25	6.00	10.00	14.00	17.50			
Elbows, Street, 45°	ea.	.25	.32	.38	.51	.63	.85	1.50	2.00	3.25							
Elbows, Drop, Plain	ea.		.35	.45	.65	1.05											
Elbows, Side Outlet, Plain	ea.	.45	.60	.85	1.20	1.90	2.75	3.60	6.00	10.50	18.00						
Tees	ea.	.17	.21	.28	.40	.55	.85	1.25	1.70	2.80	5.00	8.50	11.00	14.00	35.00	55.00	110.00
Tees, Reducing	ea.	.25	.35	.50	.70	1.05	1.55	2.10	3.50	6.25	10.50	14.00	17.50	44.00	70.00	140.00	
Tees, Service	ea.		.45	.65	.90	1.35	1.95	2.65	4.40								
Tees, Drop, Plain	ea.		.43	.57	.80	1.25											
Tees, 4-way, Plain	ea.	.75	.90	1.20	1.65	2.50	3.75	5.00	8.50								
Crosses	ea.	.25	.30	.40	.55	.80	1.25	1.80	2.40	4.00	7.00	12.00	16.00	20.00	50.00	80.00	160.00
Crosses, Reducing	ea.	.38	.50	.70	1.00	1.55	2.25	3.00	5.00	8.75	15.00	20.00	25.00	63.00	100.00	200.00	
Bushings, Hexagon	ea.	.10	.12	.15	.22	.35	.50	.70	1.00	1.50	2.50	3.75	5.00	12.00	18.00	35.00	
Bushings, Face	ea.	.12	.15	.19	.27	.44	.62	.87	1.25	1.85	3.10	4.75	6.25				
Plugs, Regular	ea.	.08	.10	.12	.15	.20	.30	.45	.60	.95	1.50	2.25	3.75	5.00	8.00	12.00	30.00
Plugs, Solid	ea.	.08	.10	.12	.22	.30	.45	.80	1.20	1.90	3.00	4.50	7.50	10.00	15.00	23.00	60.00
Plugs, Countersunk	ea.		.22	.30	.45	.65	.90	1.40	2.25	4.00	5.00	7.00					
Caps	ea.	.10	.13	.16	.20	.30	.42	.60	.80	1.25	2.50	3.50	5.50	7.00	15.00	23.00	48.00
Locknuts	ea.	.10	.10	.12	.15	.20	.28	.40	.55	.80	1.75	2.75	4.00	5.00	8.00	12.00	30.00
Reducers	ea.	.15	.20	.28	.40	.60	.90	1.10	1.75	2.75	4.00	6.00	8.00	19.00	29.00	60.00	
Extension Pieces, Plain	ea.		.40	.55	.80	1.20	1.80	2.40	3.25								
Couplings	ea.	.10	.13	.17	.25	.37	.55	.80	1.00	1.60	2.50	3.50	5.25	7.00	15.00	23.00	48.00
Couplings, R and L	ea.	.13	.17	.22	.30	.45	.70	1.00	1.30	2.00	3.10	4.50					
Return Bends, Close, Plain	ea.			.70	1.00	1.25	1.80	2.50	4.25								
Return Bends, Open	ea.			.80	1.10	1.40	2.15	3.00	4.75	8.25	11.00						
Y Bends, 45°	ea.		.60	.75	1.10	1.65	2.50	3.30	5.50	9.50	16.00		26.00				

Right and left elbows and right and left return bends furnished at an advance of 25% over above list.

### Chromium-Plated Brass Screwed Fittings

Iron Pipe Thread—Polished  
For 125 Pounds S.W.P.



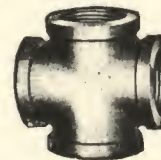
No. 675, 90° Elbow



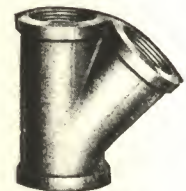
No. 676, 45° Elbow



No. 678, Tee



No. 679, Cross



No. 677, Y Bend

Size	inches	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
Elbows, 90°	each	.45	.53	.66	.81	1.09	1.56	2.19	2.81	4.19	7.69	12.50	20.00	25.00
Elbows, Reducing, 90°	each	.65	.81	1.03	1.38	2.00	2.69	3.56	5.19	9.50	15.63	25.00	31.25	
Elbows, 45°	each	.56	.66	.81	.98	1.25	1.79	2.44	3.19	4.56	8.56	13.75	22.50	28.13
Elbows, Street, 90°	each	.68	.75	.91	1.19	1.54	2.06	3.19	4.19	6.13	11.69	18.75	26.25	32.50
Elbows, Street, 45°	each	.68	.81	.98	1.23	1.54	2.06	3.19	4.19	6.13				
Elbows, Drop, Plain	each		1.25	1.56	2.06	2.88								
Elbows, Side Outlet, Plain	each	1.56	2.00	2.50	3.25	4.69	6.69	8.50	12.50	23.13	37.50			
Tees	each	.63	.73	.94	1.16	1.53	2.13	3.06	3.94	5.81	10.81	17.50	27.88	35.00
Tees, Reducing	each	.90	1.13	1.44	1.88	2.63	3.75	4.94	7.31	13.63	21.88	35.00	43.75	
Tees, Service	each		1.50	2.06	2.81	3.81	5.63	7.06	10.31					
Tees, Drop, Plain	each		1.66	2.03	2.69	3.69								
Tees, 4-Way, Plain	each	2.00	2.38	2.94	3.81	5.44	7.94	10.25	15.63					
Crosses	each	.90	1.05	1.31	1.63	2.19	3.13	4.38	5.63	8.38	15.38	25.00	40.00	50.00
Crosses, Reducing	each	1.31	1.63	2.06	2.69	3.94	5.44	7.13	10.38	19.25	31.25	50.00	62.50	
Bushings, Hexagon	each	.33	.40	.53	.69	1.03	1.44	2.06	2.94	4.38	6.44	8.88	11.25	
Plugs, Regular	each	.35	.46	.56	.74	.84	1.13	1.50	1.94	2.88	4.38	6.13	8.88	11.25
Plugs, Solid	each	.35	.46	.56	.74	.96	1.31	1.94	2.69	4.06	6.25	8.94	13.56	17.50
Plugs, Countersunk	each		.61	.79	1.15	1.63	2.19	3.19	5.00	8.44	10.31	13.75		
Caps	each	.29	.36	.45	.59	.79	1.11	1.56	2.19	3.25	5.63	7.69	11.06	13.75
Locknuts	each	.36	.38	.49	.60	.75	.96	1.25	1.63	2.31	4.69	6.75	9.19	11.25
Reducers	each	.53	.66	.81	1.09	1.50	2.19	2.69	3.88	6.75	10.00	17.50	22.50	
Extension Pieces, Plain	each		.94	1.19	1.63	2.31	3.25	4.38	5.63					
Couplings, Right Hand	each	.36	.41	.53	.66	.90	1.25	1.81	2.25	3.25	5.63	8.13	14.06	17.81
Couplings, Right and Left	each	.46	.55	.69	.84	1.15	1.63	2.31	2.94	4.19	7.19	10.63		
Return Bends, Close	each			2.31	3.00	3.88	5.50	7.13	10.31					
Return Bends, Open	each			2.44	3.13	4.06	5.94	7.75	10.94	20.31	28.75			
Y Bends, 45°	each		2.00	2.38	3.13	4.38	6.38	8.13	11.88	21.88	35.00			57.50

Right and left 90° elbows and right and left return bends furnished at an advance of 25% over the above prices.



## Standard Brass Unions

## Ground Joints

For 125 Pounds Steam Working Pressure



Size In.	Rough Each	Semi- Fin. Each	Pol- ished Each	N.P. Each	Polished Tinned Each
1/4	\$1.50	\$1.55	\$1.60	\$1.72	\$1.75
3/8	.65	.75	.85	1.02	1.05
1/2	.85	.95	1.05	1.25	1.30
3/4	1.15	1.30	1.40	1.68	1.70
1	1.60	1.75	1.90	2.28	2.35
1 1/4	2.25	2.50	2.75	3.30	3.30
1 1/2	2.70	3.00	3.25	3.90	3.85
2	4.00	4.50	5.00	6.00	5.90
2 1/2	7.50	8.25	9.00	10.80	10.20
3	11.50	12.75	14.00	16.80	16.25

## Jarecki Bronze Ground Joint Unions

## Eureka Pattern—Rough

For 125 Pounds Steam Working Pressure

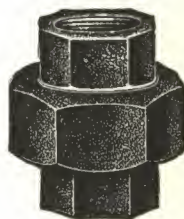


Size Inches	Each	Size Inches	Each	Size Inches	Each
1/8	\$1.40	3/4	\$1.15	2	\$4.00
1/4	.50	1	1.60	2 1/2	7.50
3/8	.65	1 1/4	2.25	3	11.50
1/2	.85	1 1/2	2.70	3 1/2	20.50
				4	\$27.00

## Extra Heavy Brass Unions

## Ground Joints

For 250 Pounds Steam Working Pressure



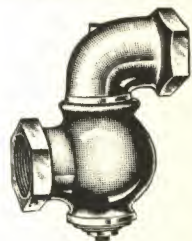
Size In.	Rough Each	Pol- ished Each	Polished and N.P. Each
1/8	\$1.85	\$1.10	\$1.30
1/4	1.10	1.35	1.55
3/8	1.40	1.70	1.95
1/2	1.60	1.95	2.25
3/4	1.85	2.25	2.60
1	3.00	3.50	4.00
1 1/4	4.00	4.60	5.20
1 1/2	5.25	5.90	6.55
2	7.50	8.40	9.20
2 1/2	10.00	11.50	12.75
3	15.00	18.00	21.50
3 1/2	24.00	27.50	31.00
4	35.00	40.00	44.00

## Brass Swing Joints

For 125 Pounds Cold Water, Oil, Gas Non-Shock

Used for Handling gas or liquids. Inlet and outlet ends are regularly furnished threaded for same size pipe.

The flow ports are open regardless of the relative position of the inlet and outlet ends.



No. 728

Size Inches	Rough Each	Finished Each
1/4	\$1.90	\$2.40
3/8	2.20	2.70
1/2	2.50	3.00
3/4	3.50	4.00
1	5.00	5.75

Finished swing joints made to order only.

## Finished Brass Railing Fittings

## Tapped Right Hand



No. 1



No. 2



No. 2 1/2



No. 3



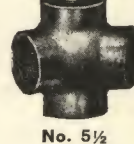
No. 4



No. 4 1/2



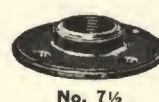
No. 5



No. 5 1/2



No. 6



No. 7 1/2



No. 8

For office railings, enclosing engines and machinery, exhibition spaces, etc.

Iron Pipe Size.....inches	1/2	3/4	1	1 1/4
No. 1, Elbow.....each	\$1.40	\$1.60	\$1.80	\$1.20
No. 2, Side Outlet Elbow.....each	.75	1.00	1.10	1.70
No. 2 1/2, 45° Elbow.....each	1.05	1.25	1.50	1.70

No. 3, Tee.....each	.60	.85	1.10	1.70
No. 4, Side Outlet Tee.....each	1.05	1.25	1.50	2.00
No. 4 1/2, 45° Tee.....each	1.10	1.30	1.55	2.05

No. 5, Cross.....each	1.05	1.25	1.50	2.00
No. 5 1/2, 45° Cross.....each	1.15	1.35	1.60	2.20
No. 6, Side Outlet Cross.....each	1.20	1.45	1.70	2.25

No. 7 1/2, Floor Flange, Round.....each	.75	.90	1.00	1.35
Diameter Round Floor Flange.....in.	3	3	4	5
No. 8, Ball Ornament, Male or Female.....each	.75	.90	1.00	1.35

Iron Pipe Size.....inches	1 1/2	2	2 1/2
No. 1, Elbow.....each	\$1.60	\$2.50	\$4.50
No. 2, Side Outlet Elbow.....each	2.00	3.00	5.25
No. 2 1/2, 45° Elbow.....each	2.15	3.00	5.25

No. 3, Tee.....each	2.00	3.00	5.25
No. 4, Side Outlet Tee.....each	2.40	3.50	6.00
No. 4 1/2, 45° Tee.....each	2.40	3.35	6.00

No. 5, Cross.....each	2.40	3.50	6.00
No. 5 1/2, 45° Cross.....each	2.60	3.40	6.00
No. 6, Side Outlet Cross.....each	3.00	4.00	6.75

No. 7 1/2, Floor Flange, Round.....each	1.75	2.50	4.50
Diameter Round Floor Flange.....inches	5	5	6
No. 8, Ball Ornament, Male or Female.....each	1.75	2.50	4.50

In ordering these fittings, describe kind wanted by number and size.

Railing fittings will be regularly furnished tapped right-hand on all openings at regular price. Tapped otherwise will be charged at 15 per cent additional net. Orders for fittings to be tapped special should be accompanied by a sketch showing which openings are to be tapped left-hand.

For reducing railing fittings, add 15 per cent to above lists.

For nickel-plated brass railing fittings, add 15 per cent to above lists.

Furnished rough brass, if desired, at special discount.





## Standard Malleable Iron Flat Band Screwed Fittings

Steam Working Pressure up to 150 Pounds  
Oil, Water or Gas Non-Shock Working Pressures up to  
200 Pounds at Ordinary Air Temperatures

Malleable Iron Fittings are made from air furnace refined malleable iron possessing a much higher tensile strength than cupola melted malleable castings.

They are tapped to the American Standard for pipe threads.

They have perfect clean cut threads, accurate as to size and alignment. All screwed fittings are recessed to permit easy entrance of pipe and to protect the threads.

Inspections and tests for alignment and thread size are continuously made by trained inspectors.

Air or water tested fittings can be furnished on special order.

NOTE.—Flat band malleable fittings will be furnished unless otherwise ordered, except where fittings are made only in plain pattern, in which case plain will be furnished.

On an order for galvanized fittings, when neither malleable or cast iron is specified, malleable iron will be furnished in sizes made in malleable and cast iron in sizes not made in malleable.

## 90° Malleable Elbows

### Straight



No. 101

Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
1/8	\$ .05	\$ .07	2	\$ .40	\$ .52
1/4	.05	.07	2 1/2	.72	.95
3/8	.06	.08	3	1.00	1.30
1/2	.07	.09	3 1/2	1.50	1.95
3/4	.10	.13	4	1.80	2.35
1	.13	.17	5	3.25	4.25
1 1/4	.20	.26	6	4.65	6.05
1 1/2	.25	.33	...	...	...

### Reducing

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/4	\$ .06	\$ .08	1 1/4	\$ .22	\$ .29	3 1/2	\$ 1.65	\$ 2.15
3/8	.07	.09	1 1/2	.28	.36	4	2.00	2.60
1/2	.08	.10	2	.44	.57	6	5.15	6.70
3/4	.11	.14	2 1/2	.80	1.05	...	...	...
1	.14	.18	3	1.10	1.45	...	...	...

### Right and Left

1/4	\$ .06	\$ .08	3/4	\$ .12	\$ .16	1 1/2	\$ .29	\$ .38
3/8	.07	.09	1	.15	.20	2	.46	.60
1/2	.08	.10	1 1/4	.23	.30	...	...	...

## 45° Malleable Elbows

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/8	\$ .06	\$ .08	2	\$ .48	\$ .62
1/4	.06	.08	2 1/2	.86	1.10
3/8	.07	.09	3	1.20	1.55
1/2	.09	.12	3 1/2	1.80	2.35
3/4	.12	.16	4	2.20	2.85
1	.16	.21	5	3.90	5.10
1 1/4	.24	.31	6	5.60	7.30
1 1/2	.30	.39	...	...	...



No. 102

## Malleable Side Outlet Elbows



No. 105

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/4	\$ .10	\$ .13	2	\$ .80	\$ 1.05
3/8	.12	.16	...	...	...
1/2	.14	.18	...	...	...
3/4	.20	.26	...	...	...
1	.26	.34	...	...	...
1 1/4	.40	.52	...	...	...
1 1/2	.50	.65	...	...	...

## 90° Malleable Street Elbows

### Straight



No. 103

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/8	\$ .06	\$ .08	2	\$ .46	\$ .60
1/4	.06	.08	2 1/2	.83	1.10
3/8	.07	.09	3	1.15	1.50
1/2	.08	.10	3 1/2	1.80	2.35
3/4	.12	.16	4	2.10	2.75
1	.15	.20	5	3.75	4.90
1 1/4	.23	.30	6	5.35	6.95
1 1/2	.29	.38	...	...	...

### Reducing

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
3/8	\$ .08	\$ .10	1 1/4	\$ .25	\$ .33	2 1/2	\$ .92	\$ 1.20
3/4	.13	.17	1 1/2	.32	.42	3	1.30	1.70
1	.17	.22	2	.51	.66	4	2.30	3.00

## Malleable Tees



No. 110 Straight



No. 111 Reducing

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/8	\$ .07	\$ .09	...	...	...
1/4	.07	.09	...	...	...
3/8	.08	.10	...	...	...
1/2	.10	.13	...	...	...
3/4	.13	.17	...	...	...
1	.17	.22	...	...	...
1 1/4	.26	.34	...	...	...
1 1/2	.33	.43	...	...	...
2	.52	.68	...	...	...
2 1/2	.90	1.20	...	...	...
3	1.30	1.70	...	...	...
3 1/2	2.00	2.60	...	...	...
4	2.40	3.10	...	...	...
5	4.25	5.55	...	...	...
6	6.00	7.80	...	...	...

## Malleable 4-Way Tees



No. 112

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/4	\$ .14	\$ .18	1	\$ .34	\$ .44
3/8	.16	.21	1 1/4	.52	.68
1/2	.20	.26	1 1/2	.66	.86
3/4	.26	.34	2	1.05	1.35

## Malleable Service Tees



No. 115

### Straight

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/4	\$ .08	\$ .10	1 1/2	\$ .38	\$ .50
3/8	.09	.12	2	.60	.78
1/2	.12	.16	2 1/2	1.05	1.37
3/4	.15	.20	3	1.50	1.95
1	.20	.26	4	2.75	3.60
1 1/4	.30	.39	...	...	...

### Reducing

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
3/8	\$ .13	\$ .17	1 1/4	\$ .33	\$ .43	2 1/2	\$ 1.15	\$ 1.50
3/4	.17	.22	1 1/2	.42	.55	3	1.65	2.15
1	.22	.29	2	.66	.86	4	3.05	3.95

## Malleable Reducers



No. 123

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/4	\$ .05	\$ .07	2	\$ .28	\$ .36
3/8	.05	.07	2 1/2	.50	.65
1/2	.06	.08	3	.75	1.00
3/4	.09	.12	3 1/2	1.10	1.45
1	.12	.16	4	1.40	1.85
1 1/4	.15	.20	5	2.50	3.25
1 1/2	.18	.23	6	3.60	4.70





### Malleable Crosses



No. 116

#### Straight

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/8	\$.09	\$.12	1	\$.23	\$.30
1/4	.09	.12	1 1/4	.35	.46
3/8	.11	.14	1 1/2	.44	.57
1/2	.13	.17	2	.70	.90
3/4	.18	.23	...	...	...

#### Reducing

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/4	\$.10	\$.13	3/4	\$.20	\$.26	1 1/2	\$.48	\$.62
3/8	.12	.16	1	.25	.33	2	.77	1.00
1/2	.14	.18	1 1/4	.38	.50	...	...	...

### Malleable Caps



No. 125

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/4	\$.03	\$.04	2	\$.25	\$.33
3/8	.04	.05	2 1/2	.40	.52
1/2	.05	.07	3	.60	.78
3/4	.08	.10	3 1/2	.80	1.05
1	.10	.13	4	1.10	1.45
1 1/4	.13	.17	5	1.80	2.35
1 1/2	.18	.23	6	2.70	3.50



No. 127

### Malleable Locknuts

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/8	\$.02	\$.03	1 1/2	\$.10	\$.13
1/4	.02 1/2	.03 1/2	2	.12	.16
3/8	.02 1/2	.03 1/2	2 1/2	.30	.39
1/2	.03	.04	3	.38	.50
3/4	.04	.05	3 1/2	.43	.56
1	.06	.08	4	.48	.62
1 1/4	.08	.10	...	...	...

Sizes 5 to 12-inch, use cast iron.

### 45° Malleable Y Bends



No. 119

#### Straight

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
3/8	\$.10	\$.13	1 1/2	\$.57	\$.75
1/2	.14	.18	2	.85	1.10
3/4	.18	.23	2 1/2	1.55	2.00
1	.25	.33	3	2.80	3.65
1 1/4	.40	.52	4	4.80	6.25

#### Reducing

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1	\$.28	\$.36	2	\$.95	\$.125	5	\$9.00	\$11.70
1 1/4	.44	.57	2 1/2	1.70	2.20	6	13.00	16.90
1 1/2	.63	.82	3	3.10	4.05	...	...	...

### Straight 60° Malleable Y Bends

Finish 2-Inch Size.....each \$1.00 \$1.30

### Malleable Waste Nuts



No. 126

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/8	\$.03	\$.04	1	\$.06	\$.08
1/4	.03	.04	1 1/4	.11	.14
3/8	.04	.05	1 1/2	.25	.33
1/2	.04	.05	2	.41	.53
3/4	.05	.07	...	...	...

### Malleable Extension Pieces

#### Straight

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
3/8	\$.05	\$.07	1 1/4	\$.18	\$.23
1/2	.07	.09	1 1/2	.23	.30
3/4	.11	.14	2	.33	.43
1	.16	.21	...	...	...

#### Reducing

1/2	\$.07	\$.09	3/4	\$.11	\$.14
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### Malleable Right Hand Couplings

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/8	\$.05	\$.07	1	\$.12	\$.16	3	\$.85	\$1.10
1/4	.05	.07	1 1/4	.16	.21	3 1/2	1.25	1.60
3/8	.05	.07	1 1/2	.21	.27	4	1.50	1.95
1/2	.06	.08	2	.34	.44	5	2.00	2.60
3/4	.09	.12	2 1/2	.60	.78	6	3.05	3.95

### Malleable Right and Left-Hand Couplings



No. 122

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/8	\$.05	\$.07	1 1/4	\$.16	\$.21
1/4	.05	.07	1 1/2	.21	.27
3/8	.05	.07	2	.34	.44
1/2	.06	.08	2 1/2	.60	.78
3/4	.09	.12	3	.85	1.10
1	.12	.16	...	...	...

### Malleable Hexagon Bushings



No. 135

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/4	\$.04	\$.08	1 1/4	\$.07	\$.14
3/8	.04	.08	1 1/2	.09	.18
1/2	.04	.08	2	.14	.28
3/4	.05	.10	2 1/2	.21	.42
1	.06	.12	...	...	...

### Face Bushings

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
* 1/4	\$.08	\$.12	3	\$.70	\$1.05
* 3/8	.08	.12	3 1/2	1.20	1.80
* 1/2	.09	.14	4	1.50	2.25
* 3/4	.11	.17	5	2.60	3.90
1	.13	.20	6	3.75	5.60
1 1/4	.17	.25	8	9.00	13.50
1 1/2	.22	.33	10	14.00	21.00
2	.32	.48	12	20.00	30.00
2 1/2	.48	.72	...	...	...



No. 136

\*Made of steel.

### Close Pattern Malleable Return Bends



No. 131

Will not make up parallel coils, as center to center distance of two adjacent bends is greater than center to center distance between openings of a single bend.

Size Inches	Center to Center Inches	RIGHT-HAND		RIGHT AND LEFT	
		Black Each	Galv. Each	Black Each	Galv. Each
1/2	1	\$.16	\$.21	\$.18	\$.23
3/4	1 1/4	.18	.23	.21	.27
1	1 1/2	.24	.31	.28	.36
1 1/4	1 3/4	.36	.47	.42	.55
1 1/2	2 3/16	.49	.64	.56	.73
2	2 5/8	.80	1.05	.92	1.20



No. 133

### Open Pattern Malleable Return Bends

Size Inches	Center to Center Inches	RIGHT-HAND		RIGHT AND LEFT		Center to Center Inches
		Black Each	Galv. Each	Black Each	Galv. Each	
1/2	1 1/2	\$.19	\$.25	\$.22	\$.29	1 1/2
3/4	2	.22	.29	.26	.34	2
1	2 1/4	.29	.38	.34	.44	2 1/2
1 1/4	3	.44	.57	.51	.66	3
1 1/2	3 1/2	.62	.80	.70	.90	3 1/2
2	4	1.00	1.30	1.15	1.50	4
2 1/2	5	1.45	1.90	1.65	2.15	4 1/2
3	6	2.15	2.80	2.45	3.20	5
4	8	5.80	7.55	...	...	6



**BRIDGE****PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK****Ball Pattern Malleable Railing Fittings****No. 1 Elbows**

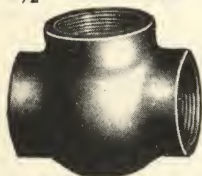
Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
1/2	\$ .10	\$ .13	2	\$ .44	\$ .57
3/4	.12	.15	2 1/2	1.00	1.30
1	.14	.18	3	2.00	2.60
1 1/4	.22	.29	4	3.75	4.90
1 1/2	.30	.39	...	...	...

**No. 2 Side Outlet Elbows**

Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
1/2	\$ .19	\$ .25	2	\$ .88	\$ 1.15
3/4	.23	.30	2 1/2	2.00	2.60
1	.28	.36	3	3.35	4.35
1 1/4	.44	.57	4	6.10	8.00
1 1/2	.60	.78	...	...	...

**No. 3 Tees**

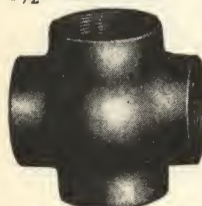
Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
1/2	\$ .13	\$ .17	2	\$ .57	\$ .75
3/4	.16	.21	2 1/2	1.30	1.70
1	.19	.25	3	2.60	3.40
1 1/4	.28	.36	4	4.90	6.40
1 1/2	.40	.52	...	...	...

**No. 4 Side Outlet Tees**

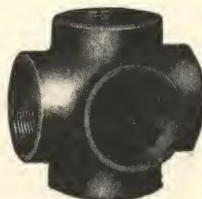
Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
1/2	\$ .25	\$ .33	2	\$ 1.15	\$ 1.50
3/4	.31	.40	2 1/2	2.60	3.40
1	.37	.48	3	5.00	6.50
1 1/4	.57	.75	4	8.25	10.75
1 1/2	.80	1.05	...	...	...

**No. 5 Crosses**

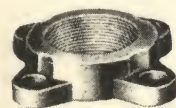
Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
1/2	\$ .18	\$ .23	2	\$ .77	\$ 1.00
3/4	.21	.27	2 1/2	1.75	2.30
1	.25	.33	3	3.40	4.45
1 1/4	.38	.49	4	6.30	8.20
1 1/2	.53	.70	...	...	...

**No. 6 Side Outlet Crosses**

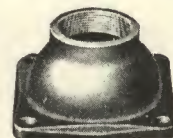
Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
1/2	\$ .32	\$ .42	2	\$ 1.45	\$ 1.90
3/4	.36	.50	2 1/2	3.15	4.10
1	.46	.60	3	6.00	7.80
1 1/4	.70	.91	4	10.00	13.00
1 1/2	1.00	1.30	...	...	...

**No. 7 Flanges**

Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
1/2	\$ .10	\$ .13	1 1/2	\$ .25	\$ .32
3/4	.11	.14	2	.35	.45
1	.13	.17	2 1/2	.65	.85
1 1/4	.17	.22	3	.75	1.00

**No. 9 Square Floor Flanges**

Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
1/2	\$ .12	\$ .16	2	\$ .80	\$ 1.05
3/4	.16	.21	2 1/2	1.55	2.00
1	.20	.26	3	2.75	3.60
1 1/4	.34	.44	4	5.00	6.50
1 1/2	.50	.65	...	...	...

**No. 8 Male or Female Acorns**

Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
1/2	\$ .12	\$ .16	2	\$ .60	\$ .78
3/4	.16	.21	2 1/2	1.25	1.65
1	.20	.26	3	2.15	2.80
1 1/4	.28	.36	4	4.35	5.65
1 1/2	.38	.50	...	...	...



Railing fittings will be furnished tapped right-hand or, in the case of tees and crosses, right and left on run, and acorns right-hand or left-hand at regular prices; tapped otherwise will be charged at 15 per cent additional net.

Fittings reamed for slip joint—prices upon application.

In ordering railing fittings describe kind wanted by number and size.

**Cast Iron Drilled Railing Flanges**

Size Pipe In.	Diam. Flange, In.	Each	Size Pipe In.	Diam. Flange, In.	Each
3/8	3	\$ .10	1 1/4	4	\$ .16
1/2	3	.10	1 1/2	5	.30
3/4	3	.15	2	5	.35
1	4	.16	...	...	...

For galvanized, double above lists.

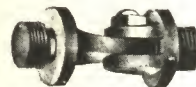
**Cast Iron Oval Floor Flanges**

For galvanized, double list.

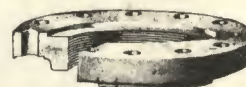
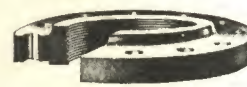
Pipe Size Inches	Each	Pipe Size Inches	Each	Pipe Size Inches	Each	Pipe Size Inches	Each
1/2	\$ .14	1 1/2	\$ .31	3 1/2	\$ .75	6	\$ 2.00
3/4	.18	2	.44	4	.90	...	...
1	.22	2 1/2	.50	4 1/2	1.40	...	...
1 1/4	.24	3	.75	5	1.70	...	...

**Malleable Pipe Gate Hinges**

Size In.	Black	PRICE EACH Galv.	Size In.	Black	PRICE EACH Galv.
1/2	\$ .35	\$ .70	1 1/4	\$ .55	\$ 1.10
3/4	.40	.80	1 1/2	.80	1.60
1	.45	.90	2	1.00	2.00

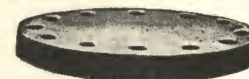
**Standard Cast Iron Flanges**

For 125 Pounds Steam Working Pressure  
Companion Flanges

**No. 522, Smooth Face****Rear View Showing Hub**

Furnished faced only unless otherwise ordered.

Size In.	Bolt Circle In.	Faced Only Each	Faced and Drilled Each	Size In.	Bolt Circle In.	Faced Only Each	Faced and Drilled Each
1 x 4 1/4	3 1/2	\$ .55	\$ .80	6x11	9 1/2	\$ 2.00	\$ 2.50
1 1/4 x 4 5/8	3 1/2	.60	.85	8x13 1/2	11 3/4	3.10	3.80
1 1/2 x 5	3 7/8	.65	.90	10x16	14 1/4	4.50	5.50
2 x 6	4 3/4	.75	1.00	12x19	17	6.50	7.65
2 1/2 x 7	5 1/2	.85	1.10	14x21	18 3/4	9.00	10.35
3 x 7 1/2	6	.95	1.25	16x23 1/2	21 1/4	13.50	15.30
3 1/2 x 8 1/2	7	1.20	1.55	18x25	22 3/4	16.00	18.00
4 x 9	7 1/2	1.35	1.80	20x27 1/2	25	19.00	21.50
5 x 10	8 1/2	1.60	2.05	24x32	29 1/2	27.00	30.50

**Blind or Solid Flanges****No. 524**

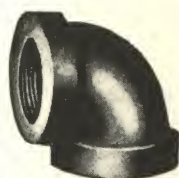
Furnished faced only unless otherwise ordered.

Size In.	Bolt Circle In.	Faced Only Each	Faced and Drilled Each	Size In.	Bolt Circle In.	Faced Only Each	Faced and Drilled Each
1 x 4 1/4	3 1/2	\$ .85	\$ 1.10	8x13 1/2	11 3/4	\$ 4.60	\$ 5.30
1 1/4 x 4 5/8	3 1/2	.90	1.15	10x16	14 1/4	6.75	7.75
1 1/2 x 5	3 7/8	1.00	1.25	12x19	17	9.75	10.90
2 x 6	4 3/4	1.15	1.40	14x21	18 3/4	13.50	14.85
2 1/2 x 7	5 1/2	1.30	1.55	16x23 1/2	21 1/4	20.00	21.80
3 x 7 1/2	6	1.40	1.70	18x25	22 3/4	24.00	26.00
3 1/2 x 8 1/2	7	1.80	2.15	20x27 1/2	25	28.00	30.50
4 x 9	7 1/2	2.00	2.45	24x32	29 1/2	40.00	43.50
5 x 10	8 1/2	2.40	2.85	30x38 3/4	36	90.00	100.00
6 x 11	9 1/2	3.00	3.50	36x46	42 3/4	137.50	150.00



## Standard Cast Iron Screwed Fittings

### Straight Elbows



No. 300, Right Hand



No. 301, Right and Left

RIGHT HAND			RIGHT & LEFT			RIGHT HAND		
Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
1/4	\$ .05	\$ .10	1/4	\$ .06	\$ .12	3 1/2	\$ 1.05	\$ 2.10
3/8	.05	.10	1/2	.06	.12	4	1.20	2.40
1/2	.06	.12	3/4	.07	.14	5	2.00	4.00
3/4	.08	.16	1	.09	.18	6	2.75	5.50
1	.10 1/2	.21	1 1/4	.12	.24	8	6.75	13.50
1 1/4	.16	.32	1 1/2	.18	.36	10	13.50	27.00
1 1/2	.20	.40	2	.23	.46	12	20.00	40.00
2	.28	.56	2 1/2	.32	.64			
2 1/2	.50	1.00	3	.60	1.20			
3	.75	1.50		.85	1.70			

### Straight Pitched Elbows

#### Tapped to Pitch 1/4-Inch to the Foot

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/2	\$ .08	\$ .16	1 1/4	\$ .20	\$ .40	2 1/2	\$ .65	\$ 1.30
3/4	.10	.20	1 1/2	.25	.50	3	1.00	2.00
1	.13	.26	2	.35	.70	3 1/2	1.30	2.60



No. 303

60° Elbows			60° Elbows		
Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
1/2	\$ .25	\$ .50	2 1/2	\$ 1.10	\$ 2.20
3/4	.30	.60	3	1.65	3.30
1	.35	.70	4	2.75	5.50
1 1/4	.45	.90	5	5.00	10.00
1 1/2	.50	1.00	6	7.00	14.00
2	.60	1.20			



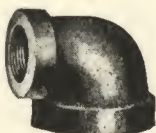
No. 304

45° Elbows			45° Elbows		
Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
1/4	\$ .06	\$ .12	3	\$ .90	\$ 1.80
3/8	.06	.12	3 1/2	1.25	2.50
1/2	.07	.14	4	1.45	2.90
3/4	.10	.20	5	2.50	5.00
1	.12	.24	6	3.45	6.90
1 1/4	.19	.38	8	8.50	17.00
1 1/2	.24	.48	10	17.00	34.00
2	.34	.68	12	25.00	50.00
2 1/2	.60	1.20			

22 1/2° Elbows			22 1/2° Elbows		
Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
1/2	\$ .25	\$ .50	1 1/2	\$ .50	\$ 1.00
3/4	.30	.60	2	.60	1.20
1	.35	.70	2 1/2	1.10	2.20
1 1/4	.45	.90	3	1.65	3.30

### Reducing Elbows

Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
3/8	\$ .06	\$ .12	3	\$ .85	\$ 1.70
1/2	.07	.14	3 1/2	1.20	2.40
3/4	.09	.18	4	1.40	2.80
1	.12	.24	5	2.30	4.60
1 1/4	.18	.36	6	3.15	6.30
1 1/2	.23	.46	8	7.75	15.50
2	.32	.64	10	15.50	31.00
2 1/2	.60	1.20	12	23.00	46.00



No. 302

### Pitched Reducing Elbows

#### Tapped to Pitch 1/4-Inch to the Foot

Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each	Size Inches	Black Each	Galv. Each
3/4	\$ .10	\$ .20	1 1/2	\$ .25	\$ .50	3	\$ 1.00	\$ 2.00
1	.13	.26	2	.35	.70	3 1/2	1.30	2.60
1 1/4	.20	.40	2 1/2	.65	1.30			

## Standard Cast Iron Screwed Fittings

### Straight Tees



No. 309

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/4	\$ .08	\$ .16	3	\$ 1.10	\$ 2.20
3/8	.08	.16	3 1/2	1.50	3.00
1/2	.09	.18	4	1.75	3.50
3/4	.12	.24	5	3.00	6.00
1	.15	.30	6	4.00	8.00
1 1/4	.23	.46	8	9.75	19.50
1 1/2	.29	.58	10	19.50	39.00
2	.41	.82	12	29.00	58.00
2 1/2	.73	1.46			

### Reducing Tees



No. 310, on Run



No. 311, on Outlet

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
3/8	\$ .09	\$ .18	3	\$ 1.25	\$ 2.50
1/2	.10	.20	3 1/2	1.75	3.50
3/4	.14	.28	4	2.00	4.00
1	.17	.34	5	3.50	7.00
1 1/4	.27	.54	6	4.60	9.20
1 1/2	.33	.66	8	11.25	22.50
2	.47	.94	10	22.50	45.00
2 1/2	.83	1.66	12	33.50	67.00

Tees reducing on the run are described thus:

1 1/2 — 1 — 1 1/4  
and are read 1 1/2 x 1 1/4 x 1.

Tees reducing on the outlet are described thus:

1 1/2 — 1 — 1 1/2  
and are read 1 1/2 x 1.

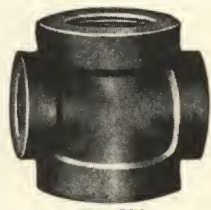
### Straight Crosses



No. 313

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/4	\$ .15	\$ .30	3	\$ 2.00	\$ 4.00
3/8	.15	.30	3 1/2	2.70	5.40
1/2	.16	.32	4	3.15	6.30
3/4	.22	.44	5	5.50	11.00
1	.27	.54	6	7.25	14.50
1 1/4	.42	.84	8	17.50	35.00
1 1/2	.53	1.06	10	35.00	70.00
2	.75	1.50	12	52.50	105.00
2 1/2	1.30	2.60			

### Reducing Crosses



No. 314

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/2	\$ .18	\$ .36	3 1/2	\$ 3.00	\$ 6.00
3/4	.25	.50	4	3.50	7.00
1	.30	.60	5	6.00	12.00
1 1/4	.46	.92	6	8.00	16.00
1 1/2	.60	1.20	8	19.25	38.50
2	.83	1.66	10	38.50	77.00
2 1/2	1.45	2.90	12	58.00	116.00
3	2.20	4.40			

### Y Branches



No. 316

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/2	\$ .20	\$ .40	3 1/2	\$ 3.50	\$ 7.00
3/4	.28	.56	4	4.00	8.00
1	.34	.68	5	7.00	14.00
1 1/4	.54	1.08	6	9.20	18.40
1 1/2	.66	1.32	8	22.50	45.00
2	.94	1.88	10	45.00	90.00
2 1/2	1.66	3.32	12	67.00	134.00
3	2.50	5.00			





### Cast Iron Long Sweep Fittings

For Working Pressures: 125 Pounds Steam;  
150 Pounds Cold Water, Oil or Gas Non-Shock

#### No. 1 Elbows

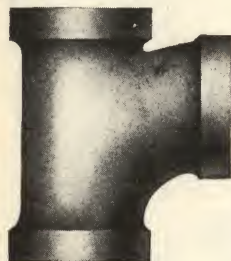
Size Inches	Black Each	Size Inches	Black Each
3/4	\$ .26	3 1/2	\$3.25
1	.32	4	3.50
1 1/4	.40	5	6.50
1 1/2	.55	6	8.75
2	.80	8	17.00
2 1/2	1.20	10	30.00
3	2.25	12	40.00

For prices of reducing sizes, bushed in sand, add 50 per cent to those above. For galvanized fittings, double list given above.

#### No. 2 Double Branch Elbows

Size Inches	Black Each	Size Inches	Black Each
1	\$ .64	4	\$7.00
1 1/4	.80	5	13.00
1 1/2	1.10	6	17.50
2	1.60	8	34.00
2 1/2	2.40	10	60.00
3	4.50	12	80.00
3 1/2	6.50	..	.....

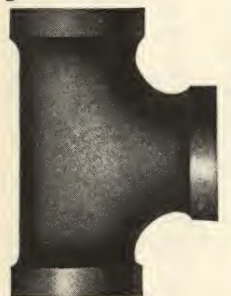
For prices of reducing sizes, bushed in sand, add 50 per cent to those above. For galvanized fittings double list given above.



#### No. 3 Tees

Size Inches	Black Each	Size Inches	Black Each
3/4	\$ .48	3 1/2	\$4.90
1	.48	4	5.25
1 1/4	.60	5	9.75
1 1/2	.82	6	13.25
2	1.20	8	25.50
2 1/2	1.80	10	45.00
3	3.40	12	60.00

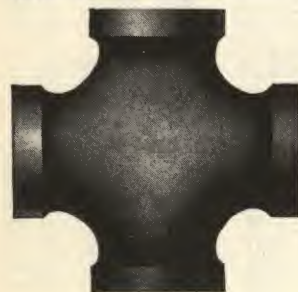
For prices of reducing sizes, bushed in sand, add 50 per cent to those above. For galvanized fittings double list given above.



#### No. 5 Double Sweep Tees

Size Inches	Black Each	Size Inches	Black Each
3/4	\$ .52	3 1/2	\$6.50
1	.64	4	7.00
1 1/4	.80	5	13.00
1 1/2	1.10	6	17.50
2	1.60	8	34.00
2 1/2	2.40	10	60.00
3	4.50	12	80.00

For prices of reducing sizes, bushed in sand, add 50 per cent to those above. For galvanized fittings double list given above.



#### No. 4 Crosses

Size Inches	Black Each	Size Inches	Black Each
1	\$ .85	4	\$9.50
1 1/4	1.10	5	17.50
1 1/2	1.50	6	24.00
2	2.15	8	45.00
2 1/2	3.20	10	80.00
3	6.00	12	107.00
3 1/2	8.75	..	.....

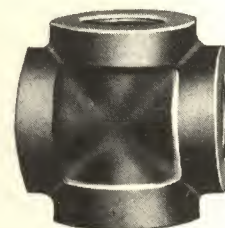
For prices of reducing sizes, bushed in sand, add 50 per cent. For galvanized fittings double list given above.

### Extra Heavy Cast Iron Screwed Fittings

250 Pounds Service Steam Pressure  
400 Pounds Non-Shock Service Cold Water, Oil, or Gas Pressure

#### Elbows

Size In.	No. 400 Elbows Each	No. 400A Reducing Elbows Each
1/4	\$ .20	.....
3/8	.20	.....
1/2	.25	\$ .35
3/4	.30	.40
1	.35	.45
1 1/4	.45	.55
1 1/2	.60	.75
2	.75	.95
2 1/2	1.25	1.55
3	2.00	2.50
3 1/2	2.75	3.40
4	3.50	4.40
5	5.50	6.80
6	8.00	10.00
8	17.00	21.00
10	28.00	35.00
12	40.00	50.00

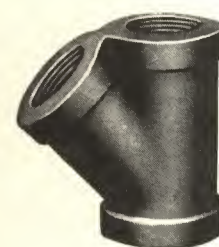


Size, In.	Each
1/2	\$ .60
3/4	.65
1	.70
1 1/4	.90
1 1/2	1.20
2	1.50
2 1/2	2.50
3	4.00
3 1/2	5.50
4	7.00
5	11.00
6	16.00
8	34.00

#### No. 401 45° Elbows

Size, In.	Each	Size, In.	Each
1/2	\$ .35	3 1/2	\$3.50
3/4	.40	4	4.50
1	.44	5	6.75
1 1/4	.55	6	9.75
1 1/2	.70	8	21.00
2	.90	10	34.00
2 1/2	1.50	12	48.00
3	2.50	.....	.....

#### No. 404 45° Y Branches



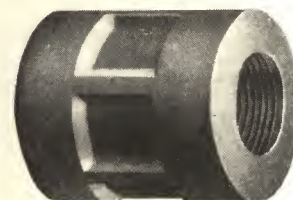
Size In.	Each
1	\$1.10
1 1/4	1.35
1 1/2	1.80
2	2.25
2 1/2	3.75
3	6.00
4	11.00
5	16.50
6	24.00
8	50.00



#### Tees

Size In.	No. 402 Tees Each	No. 402A Reduc. Tees Each
1/4	\$ .35	.....
3/8	.35	.....
1/2	.40	\$ .55
3/4	.45	.60
1	.55	.70
1 1/4	.70	.90
1 1/2	.90	1.15
2	1.15	1.40
2 1/2	1.80	2.25
3	3.00	3.75
3 1/2	4.25	5.30
4	5.50	6.85
5	8.25	10.25
6	12.00	15.00
8	25.00	31.00
10	42.00	52.00
12	60.00	75.00

#### Couplings



Size Inches	No. 417 Right Hand Each	No. 417A Right and Left Hand Each
1	\$ .39	\$ .48
1 1/4	.50	.60
1 1/2	.66	.80
2	.83	1.00

For galvanized extra heavy fittings, double above lists.



### No. 307 Standard Cast Iron Side Outlet Elbows

For 125 Pounds Service Steam Pressure  
For 175 Pounds Non-Shock Service Cold Oil, Water, or Gas Pressure

Size, In.	Black	Galv.	Size, In.	Black	Galv.
1	.30	\$.60	2 1/2	\$1.50	\$3.00
1 1/4	.48	.96	3	2.25	4.50
1 1/2	.60	1.20	4	3.60	7.20
2	.84	1.68			

### Standard Cast Iron Side Outlet Tees

125 Pounds Steam Service Pressure  
175 Pounds Non-Shock, Cold Oil, Water or Gas

Size, In.	No. 312 Black Each	No. 312A Galv. to End Each	Center In.	Size, In.	No. 312 Black Each	No. 312A Galv. to End Each	Center In.
1	\$.45	\$.90	1 1/2	2 1/2	\$2.25	\$4.50	2 1/8
1 1/4	.70	1.40	1 3/4	3	3.25	6.50	3 1/8
1 1/2	.90	1.80	1 5/8	4	5.25	10.50	3 3/4
2	1.25	2.50	2 1/4				

### Standard Cast Iron Screwed Reducers

Size, In.	Black Each	Galv. Each	Size, In.	Black Each	Galv. Each
3/4	\$.10	\$.20	3 1/2	\$1.00	\$2.00
1	.16	.32	4	1.35	2.70
1 1/4	.22	.44	5	2.00	4.00
1 1/2	.28	.56	6	2.70	5.40
2	.43	.86	8	6.75	13.50
2 1/2	.60	1.20	10	10.00	20.00
3	.80	1.60	12	15.00	30.00

### Standard Cast Iron Caps

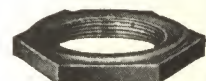
Size, In.	Black Each	Galv. Each	Size, In.	Black Each	Galv. Each
4	\$1.87	\$1.74	8	\$2.85	\$5.70
5	1.20	2.40	10	5.50	11.00
6	1.55	3.10	12	7.00	14.00



No. 319

### Standard Cast Iron Locknuts

Size, In.	Black Each	Gal. Each	Size, In.	Black Each	Gal. Each
2 1/2	\$.27	\$.54	6	\$1.30	\$2.60
3	.34	.68	8	2.35	4.70
3 1/2	.47	.94	10	3.00	6.00
4	.64	1.28	12	4.00	8.00
5	.90	1.80			



No. 323

### Standard Cast Iron Right & Left Couplings

Size, In.	Price Each	Size, In.	Price Each	Size, In.	Price Each
1/4	\$.07	1 1/4	\$.25	3 1/2	\$1.50
3/8	.08	1 1/2	.30	4	2.00
1/2	.11	2	.50	4 1/2	2.75
3/4	.15	2 1/2	.85	5	3.30
1	.20	3	1.20	6	4.40

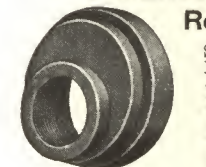


No. 330

Double the list for galvanized.

### Standard Cast Iron Eccentric Reducing Couplings

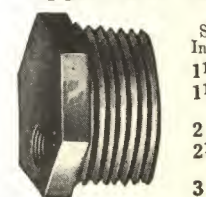
Size, In.	Black Each	Galv. Each	Size, In.	Black Each	Galv. Each
1 1/4	\$.55	\$1.10	3 1/2	\$3.00	\$6.00
1 1/2	.72	1.44	4	4.00	8.00
2	1.00	2.00	5	6.00	12.00
2 1/2	1.50	3.00	6	8.00	16.00
3	2.40	4.80	8	11.00	22.00



No. 331

### Standard Cast Iron Eccentric Bushings

Size, In.	Black Each	Galv. Each	Size, In.	Black Each	Galv. Each
1 1/4	\$.22	\$.44	3 1/2	\$.80	\$1.60
1 1/2	.25	.50	4	1.00	2.00
2	.27	.54	5	1.85	3.70
2 1/2	.42	.84	6	2.50	5.00
3	.60	1.20			



### Standard Cast Iron Screwed Fittings

#### General Dimensions

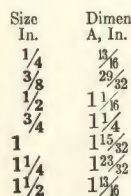
##### Elbows A

Size, In.	Dimen. A, In.	Size, In.	Dimen. A, In.	Size, In.	Dimen. A, In.
1/4	1 3/8	2	2 1/4	6	5
3/8	1 5/8	2 1/2	2 3/4	7	5 1/2
1/2	1 7/8	3	3 1/8	8	6 1/4
3/4	1 5/8	3 1/2	3 3/8	9	8
1	1 1/2	4	3 3/4	10	7 1/2
1 1/4	1 3/4	4 1/2	4 1/8	12	9 1/2
1 1/2	2	5	4 3/8		



##### Tees A

Size, In.	Dimen. A, In.	Size, In.	Dimen. A, In.	Size, In.	Dimen. A, In.
1/4	1 3/8	6	5		
3/8	1 5/8	7	5 1/2		
1/2	1 7/8	8	6 1/4		
3/4	1 5/8	9	8		
1	1 1/2	10	7 1/2		
1 1/4	1 3/4	12	9 1/2		
1 1/2	2				



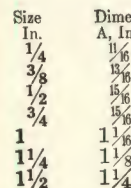
##### Crosses A

Size, In.	Dimen. A, In.	Size, In.	Dimen. A, In.	Size, In.	Dimen. A, In.
1/4	1 3/8	2	2 1/8	6	5 1/8
3/8	1 5/8	2 1/2	2 1/8	7	5 1/2
1/2	1 7/8	3	3 1/8	8	6 5/8
3/4	1 5/8	3 1/2	3 7/8	9	7 3/8
1	1 1/2	4	3 3/4	10	7 1/2
1 1/4	1 3/4	4 1/2	4 1/8	12	9 1/2
1 1/2	2	5	4 1/4		



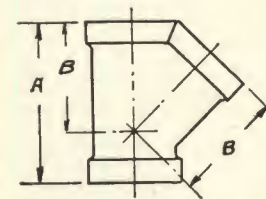
##### 45° Elbows A

Size, In.	Dimen. A, In.	Size, In.	Dimen. A, In.	Size, In.	Dimen. A, In.
1/4	1 3/8	6	2 3/8		
3/8	1 5/8	7	3 1/2		
1/2	1 7/8	8	3 3/4		
3/4	1 5/8	9	4		
1	1 1/2	10	4 1/2		
1 1/4	1 3/4	12	5 1/2		
1 1/2	2				



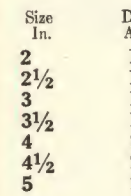
##### Y Branches

Size, In.	Dimen. A, In.	Dimen. B, In.	Size, In.	Dimen. A, In.	Dimen. B, In.
1/2	2 1/2	1 5/8	4	9 3/4	6 3/8
3/4	3 1/8	2 1/8	4 1/2	11 1/2	8 1/2
1	3 3/4	2 3/4	5	11 1/2	8 1/2
1 1/4	4 1/4	2 5/8	6	13 1/4	9 7/8
1 1/2	4 3/4	3 5/8	7	15 3/4	12 1/2
2	5 7/8	4 1/8	8	19	13 3/8
2 1/2	7	4 3/8	9	20 1/4	15 1/4
3	8 1/4	5 1/8	10	21 1/2	16 1/2
3 1/2	8 3/4	6 3/8	12	25 3/4	20 3/4



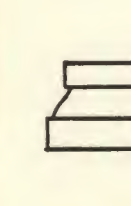
##### Caps A

Size, In.	Dimen. A, In.	Size, In.	Dimen. A, In.
2	1 7/8	6	2 3/8
2 1/2	1 5/8	7	2 7/8
3	1 3/4	8	2 5/8
3 1/2	1 5/8	9	2 3/4
4	2 1/8	10	3 1/8
4 1/2	2 1/4	12	3 3/8
5	2 7/8		



##### Reducers A

Size, In.	Dimen. A, In.	Size, In.	Dimen. A, In.
2	2 3/8	6	4 1/2
2 1/2	3 3/8	7	4 5/8
3	3 3/8	8	5 1/2
3 1/2	4 1/4	9	4
4	4 1/2	10	7 1/8
4 1/2	4	12	7 1/2
5	4		



The above dimensions are subject to a slight variation and change without notice.





### Standard Cast Iron Screwed Fittings Close Pattern Return Bends



Close pattern return bends will not make up parallel coils, as the distance, center to center, of two adjacent bends is greater than the center to center of opening of a single bend.

No. 324		RIGHT HAND		RIGHT & LEFT HAND		LEFT HAND		Center to Center	
Size In.	Black Each	Galvanized Each	Black Each	Galvanized Each	Black Each	Galvanized Each	Black Each	Inches	Inches
1/2	.18	.36	.21	.42	.21	.42	.21	1 1/4	1 1/4
3/4	.20	.40	.23	.46	.23	.46	.23	1 1/2	1 1/2
1	.22	.44	.26	.52	.26	.52	.26	1 3/4	1 3/4
1 1/4	.28	.56	.33	.66	.33	.66	.33	2 1/4	2 1/4
1 1/2	.40	.80	.46	.92	.46	.92	.46	2 1/2	2 1/2
2	.57	1.14	.66	1.32	.66	1.32	.66	3 1/4	3 1/4
2 1/2	1.20	2.40	1.40	2.80	1.40	2.80	1.40	3 3/4	3 3/4
3	1.70	3.40	1.95	3.90	1.95	3.90	1.95	4 1/4	4 1/4
4	5.00	10.00	5.25	10.50	5.25	10.50	5.25	6	6

### Close Pattern Pitched Return Bends

C. to Lgth.		RIGHT HAND		C. to Lgth.		RIGHT HAND		C. to Lgth.	
Size In.	Black Each	Galvanized Each	Black Each	Galvanized Each	Size In.	Black Each	Galvanized Each	Size In.	Black Each
1	.26	.52	1 3/4	3	1	.26	.52	1 3/4	3
1 1/4	.26	.52	1 3/4	4	1 1/4	.33	.66	2 1/4	5
1 1/2	.26	.52	1 3/4	5	1 1/2	.33	.66	2 1/4	6

All right and left pitched return bends made to order; 1-inch bends for coils longer than 8 feet tapped straight. Pitched return bends have length of coil marked on them.

### Open Pattern Return Bends



No. 325

RIGHT HAND		R. & L. HAND		Center to Center		RIGHT HAND		R. & L. HAND		Center to Center	
Size In.	Black Each	Galvanized Each	Black Each	Galvanized Each	In.	Size In.	Black Each	Galvanized Each	Black Each	Galvanized Each	In.
3/4	.26	.52	.30	.60	1 1/8	2	.80	1.60	.92	1.84	4 1/2
1	.30	.60	.35	.70	2 1/2	2 1/2	1.35	2.70	1.55	3.10	5 1/2
1 1/4	.40	.80	.46	.92	3	3	2.20	4.40	2.50	5.00	6 1/2
1 1/2	.55	1.10	.64	1.28	3 1/2	4	6.50	10.00	7.00	14.00	7 1/2

### Return Bends with Back Outlet

RIGHT HAND		R. & L. HAND		C. Size		RIGHT HAND		R. & L. HAND		C. Size	
Size In.	Black Each	Galvanized Each	Black Each	Galvanized Each	In.	Size In.	Black Each	Galvanized Each	Black Each	Galvanized Each	In.
3/4	.38	.76	.42	.84	1 1/8	2	.80	1.60	.92	1.84	4 1/2
1	.42	.84	.48	.96	2 1/2	2 1/2	1.35	2.70	1.55	3.10	5 1/2
1 1/4	.60	1.20	.70	1.40	3	3	2.20	4.40	2.50	5.00	6 1/2
1 1/2	.80	1.60	.95	1.90	3 1/2	4	6.50	10.00	7.00	14.00	7 1/2

The back outlet of right and left return bends is threaded right hand.

### Wide Pattern Return Bends



No. 326

RIGHT HAND		Center to Center		RIGHT HAND		Center to Center	
Size In.	Black Each	Galvanized Each	Inches	Size In.	Black Each	Galvanized Each	Inches
1	.45	.80	3	1 1/2	1.60	2.60	6
1 1/4	.50	.90	4	2	2.00	3.25	8
1 1/2	.60	1.10	5	2 1/2	1.75	3.00	4 7/8
2	.75	1.30	6	3	2.00	3.25	6
2 1/2	1.00	1.60	8	4	3.00	4.50	7
3	1.00	1.75	4	5	3.50	5.00	8
3 1/2	1.25	2.00	6	6	7.50	11.00	11
4	1.30	2.30	4 7/8	...	...	...	...

### Cast Iron Flange Unions



Standard



Extra Heavy

Size Pipe In.	Regu- lar Each	Ex. Hy. Each	Size Pipe In.	Regu- lar Each	Ex. Hy. Each	Size Pipe In.	Regu- lar Each	Ex. Hy. Each
1/2	.40	.60	3	1.50	2.25	8	7.00	10.50
3/4	.46	.70	3 1/2	1.80	2.70	9	10.00	15.00
1	.52	.80	4	2.10	3.15	10	11.50	17.25
1 1/4	.64	1.00	4 1/2	2.70	4.00	12	16.00	24.00
1 1/2	.78	1.15	5	3.15	4.75	14	28.00	...
2	1.00	1.50	6	3.95	6.00	15	35.00	...
2 1/2	1.25	1.90	7	5.50	8.25	16	60.00	...

For galvanized, double above lists.

### Cast Iron Hexagon Bushings



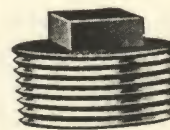
No. 320

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
3/4	.05	.10	3 1/2	.40	.80
1	.06	.12	4	.50	1.00
1 1/4	.07	.14	5	.93	1.85
1 1/2	.09	.18	6	1.25	2.50
2	.14	.28	8	2.75	5.50
2 1/2	.21	.42	10	3.75	7.50
3	.30	.60	12	5.00	10.00

### Cast Iron Face Bushings

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
4	1.50	2.25	6	3.75	5.60
5	2.60	3.90	...	...	...

### Square Head Plugs



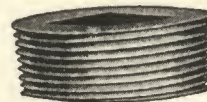
No. 321

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/8	.02	.04	2 1/2	.18	.36
1/4	.02	.04	3	.25	.50
3/8	.02	.04	3 1/2	.38	.76
1/2	.02	.04	4	.42	.84
3/4	.03	.06	5	.88	1.75
1	.04	.08	6	1.20	2.40
1 1/4	.05	.10	8	2.75	5.50
1 1/2	.07	.14	10	3.75	7.50
2	.10	.20	12	5.00	10.00

### Solid Square Head Plugs

Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/8	.02	.04	3/4	.06	.12	2	.15	.30
1/4	.02	.04	1	.08	.16	2 1/2	.27	.54
3/8	.02	.04	1 1/4	.09	.18	3	.38	.76
1/2	.04	.08	1 1/2	.11	.22	3 1/2	.57	1.14

### Countersunk Plugs



No. 322

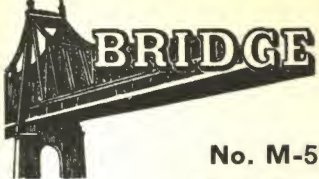
Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/4	.04	.08	2	.15	.30
3/8	.04	.08	2 1/2	.30	.60
1/2	.04	.08	3	.40	.80
3/4	.06	.12	3 1/2	.92	1.84
1	.08	.16	4	1.10	2.20
1 1/4	.09	.18	5	2.00	4.00
1 1/2	.11	.22	6	3.50	7.00

\*Steel. †Malleable. All other sizes, cast iron.

We recognize that most of our orders are for SPOT DELIVERY and that we must perform.

LET US SHOW YOU WHAT WE CAN DO





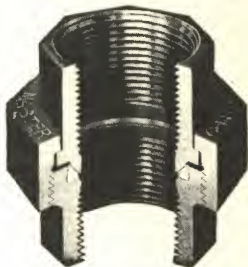
### No. M-51 Master Unions

For 150 Pounds Steam Working Pressure

Has iron and brass joint; will not corrode. No gasket is needed. Brass seat ring is cut from seamless drawn tubing and heat-treated to proper hardness.

Body is extra heavy certified air refined malleable iron. Hot dip galvanized.

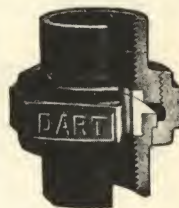
Complies with Commercial Standard (U.S. Bureau of Standards) CS-7-29. Suitable for temperatures up to 550° F.



Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/4	\$ .30	\$ .45	1 1/4	\$ 1.20	\$ 1.80
3/8	.40	.60	1 1/2	1.60	2.40
1/2	.50	.75	2	2.00	3.00
3/4	.60	.90	2 1/2	3.20	4.80
1	.80	1.20	3	4.80	7.20

### Dart Malleable Iron Unions

Made of malleable iron, plain or galvanized, with extra heavy pipe ends and nut with double-seated ball joint formed of bronze metal rings swedged into recesses made to receive them; the seats are machined to form a true arc or ball-joint, then properly ground with oil and corundum producing a positive union requiring no packing, absolutely non-corrosive, hermetically tight.



Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each	Size In.	Black Each	Galv. Each
1/8	\$ .38	\$ .48	1	\$ .80	\$ 1.02	3	\$ 6.00	\$ 7.64
1/4	.30	.38	1 1/4	1.20	1.53	3 1/2	9.00	11.47
3/8	.40	.51	1 1/2	1.60	2.04	4	13.50	17.20
1/2	.50	.64	2	2.00	2.55	...	...	...
3/4	.60	.77	2 1/2	4.00	5.10	...	...	...

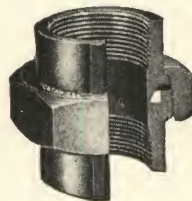
### Catawissa Forged Steel Unions

Pressure for Standard Unions

2000 Pounds Non-Shock Pressure, Air, Oil, Water, or Gas up to 150°F.  
700 Pounds Working Pressure at 500°F.—Steam, Hot Oil, and Vapor  
600 Pounds Working Pressure at 750°F.—Steam, Hot Oil, and Vapor

Pressure for Double Extra Heavy Unions

6000 Pounds Non-Shock Pressure, Air, Oil, Water, or Gas up to 150°F.  
1500 Pounds Working Pressure at 750°F.—Steam, Hot Oil, and Vapor  
900 Pounds Working Pressure at 1000°F.—Steam, Hot Oil, and Vapor



Bronze or steel seats for water, air or gas lines, and most ordinary purposes; steel seats for use with ammonia, hot gases, high pressures or super-heated steam; stainless steel seats for use with alkalis, most acids, high temperatures, and corrosive action of gases and super-heated steam.

DOUBLE EX. HEAVY				DOUBLE EX. HEAVY			
Size In.	STD. BRONZE OR STEEL SEATS		Galv. Steel Seat Black Each	Size In.	STD. BRONZE OR STEEL SEATS		Galv. Steel Seat Black Each
	Black Each	Galv. Each			Black Each	Galv. Each	
1/8	\$ .30	\$ .45	\$ .90	1 1/4	\$ 1.20	\$ 1.80	\$ 3.60
1/4	.30	.45	.90	1 1/2	1.60	2.40	4.80
3/8	.40	.60	1.20	2	2.00	3.00	6.00
1/2	.50	.75	1.50	2 1/2	4.50	6.00	....
3/4	.60	.90	1.80	3	6.75	9.00	....
1	.80	1.20	2.40	....	....	....	....

### Jarecki Malleable Lip Unions

Size In.	PRICE, EACH Black	PRICE, EACH Galv.	Size In.	PRICE, EACH Black	PRICE, EACH Galv.
1/8	\$ .18	\$ .27	1 1/2	\$ .58	\$ .90
1/4	.18	.27	2	.75	1.15
3/8	.20	.30	2 1/2	1.55	2.35
1/2	.22	.33	3	2.10	3.15
3/4	.27	.40	3 1/2	3.65	5.50
1	.33	.50	4	4.35	6.50
1 1/4	.46	.70	...	...	...



### Stanco Flange Unions

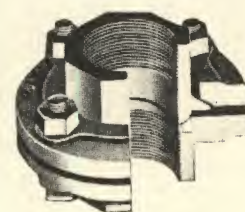
For 300 Pounds Steam Working Pressure

A 3-part style union which is as easy to apply as an ordinary union.

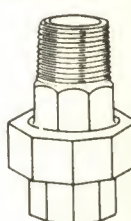
Has a ball ground joint with a non-rusting, immovable brass ring seat.

Furnished in black and galvanized.

Size Inches	Black Each	Galvanized Each
1	\$ 1.60	\$ 2.20
1 1/4	2.40	3.20
1 1/2	3.20	4.30
2	4.00	5.40
2 1/2	6.40	8.60
3	9.60	13.00
3 1/2	12.00	16.20
4	15.00	20.30
5	20.00	27.00
6	25.00	33.80

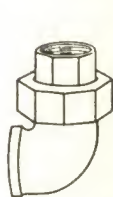


### No. M-52 Master Male and Female Unions



Size Inches	Black Each	Galvanized Each
1/4	\$ .38	\$ .53
3/8	.50	.70
1/2	.62	.87
3/4	.75	1.05
1	1.00	1.40
1 1/4	1.50	2.10
1 1/2	2.00	2.80
2	2.50	3.50
2 1/2	4.00	5.60

### No. M-53 Master 90° Female Elbows



Size In.	Blk. Each	Galv. Each
1/4	\$ .45	\$ .60
3/8	.60	.80
1/2	.75	1.00
3/4	.90	1.20
1	1.20	1.60
1 1/4	1.80	2.40
1 1/2	2.40	3.20
2	3.00	4.00

### No. M-55 Master Female Union Tees

With Union on the Run

Size In.	Blk. Each	Galv. Each
1/4	\$ .50	\$ .67
3/8	.66	.88
1/2	.82	1.10
3/4	1.00	1.32
1	1.32	1.75
1 1/4	1.98	2.65
1 1/2	2.64	3.50



### No. M-54 Master 90° Male and Female Elbows



Size In.	Blk. Each	Galv. Each
1/4	\$ .45	\$ .60
3/8	.60	.80
1/2	.75	1.00
3/4	.90	1.20
1	1.20	1.60
1 1/4	1.80	2.40
1 1/2	2.40	3.20
2	3.00	4.00

### No. M-56 Master Male and Female Union Tees

With Union on the Run

Size In.	Blk. Each	Galv. Each
1/4	\$ .50	\$ .67
3/8	.66	.88
1/2	.82	1.10
3/4	1.00	1.32
1	1.32	1.75
1 1/4	1.98	2.65
1 1/2	2.64	3.50

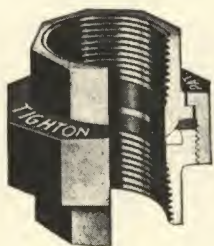


### Tighton Malleable Screwed Unions

For 250 Pounds Steam Working Pressure

The union is so constructed as to make up tight and stay tight. The brass seat ring is securely pressed into its channel, and the iron is rolled over the outer edge of the ring, thus preventing the ring from becoming loose. No gasket required.

Size In.	PRICE, EACH Black	PRICE, EACH Galv.	Size In.	PRICE, EACH Black	PRICE, EACH Galv.
1/8	\$ .30	\$ .45	1 1/2	\$ 1.60	\$ 2.40
1/4	.30	.45	2	2.00	3.00
3/8	.40	.60	2 1/2	3.20	4.80
1/2	.50	.75	3	4.80	7.20
3/4	.60	.90	3 1/2	8.00	12.00
1	.80	1.20	4	10.00	15.00
1 1/4	1.20	1.80	...	...	...







## Pipe Nipples

Effective September 1, 1933

Close Nipple



Short Nipple



Long Nipple



Tank Nipple

Lists apply to standard wrought steel, genuine wrought iron, copper bearing, and tank nipples. For list of black nipples made from extra strong pipe, double the list of black nipples. For list of black nipples made from double extra strong pipe, multiply price of standard black nipples by 4. For list of galvanized nipples made from extra strong pipe, add list of standard black nipples to list of standard galvanized nipples.

For price on Butt Nipples, add 20% to price of short nipples. For list of lengths not listed (under 12 inches), use list of next longer length. For list of lengths over 12 to 24 inches, compute price by adding nearest equal lengths.

\*Tank nipples are 6 inches long, standard pipe thread on one end, American Standard Locknut Thread 4 inches long on other end.

## Standard Black Right Hand Nipples—Each

Diam. In.	LENGTH INCHES		LENGTH, INCHES												Extra Long							
	Close	Short	Close	Short	Long												7	8	9	10	11	12
1/8	3/4	1 1/2	\$.05	\$.06	\$.07	\$.08	\$.08	\$.09	\$.09	\$.10	\$.11	\$.12	\$.13	\$.14	\$.15	\$.16	\$.17	\$.18	\$.20			
1/4	7/8	1 1/2	.05	.06	.07	.08	.08	.09	.09	.10	.11	.12	.13	.14	.15	.16	.17	.18	.20			
3/8	1	1 1/2	.05	.06	.07	.08	.08	.09	.09	.10	.11	.12	.13	.14	.15	.16	.17	.18	.20			
1/2	1 1/8	1 1/2	.06	.07	.08	.09	.09	.10	.10	.11	.12	.13	.14	.15	.17	.19	.21	.23	.25			
3/4	1 3/8	2	.08	.09	....	.10	.11	.12	.13	.14	.15	.16	.17	.19	.21	.23	.25	.27	.29			
1	1 1/2	2	.10	.11	....	.13	.14	.15	.16	.17	.18	.19	.20	.24	.27	.30	.32	.35	.38			
1 1/4	1 5/8	2 1/2	.13	.15	....	....	.16	.18	.20	.22	.24	.26	.28	.32	.36	.40	.44	.48	.52			
1 1/2	1 3/4	2 1/2	.16	.18	....	....	.20	.22	.25	.27	.29	.31	.34	.38	.43	.47	.52	.56	.60			
2	2	2 1/2	.21	.24	....	....	.28	.31	.34	.37	.40	.44	.48	.53	.59	.66	.78	.80	.87			
2 1/2	2 1/2	3	.39	.45	....	....	....	.58	.63	.68	.73	.78	.85	.94	1.03	1.12	1.22	1.31	1.40			
3	2 5/8	3	.54	.59	....	....	....	.65	.73	.81	.89	.96	1.04	1.19	1.34	1.50	1.65	1.80	1.95			
3 1/2	2 3/4	4	.72	.98	....	....	....	....	....	1.06	1.14	1.21	1.29	1.45	1.61	1.76	1.92	2.08	2.24			
4	2 7/8	4	.92	1.12	....	....	....	....	....	1.28	1.38	1.48	1.60	1.80	2.00	2.20	2.40	2.60	2.80			
4 1/2	2 7/8	4	1.35	1.60	....	....	....	....	....	1.75	1.90	2.10	2.25	2.50	2.75	3.00	3.25	3.50	3.75			
5	3	4 1/2	1.60	2.00	....	....	....	....	....	....	2.05	2.17	2.29	2.61	2.91	3.15	3.39	3.64	3.88			
6	3 1/8	4 1/2	2.00	2.45	....	....	....	....	....	....	2.58	2.73	2.90	3.36	3.68	4.08	4.31	4.60	4.94			
7	3 1/4	5	3.30	4.00	....	....	....	....	....	....	....	4.20	4.45	4.85	5.25	5.65	6.05	6.45	6.85			
8	3 1/2	5	4.30	4.87	....	....	....	....	....	....	....	5.00	5.44	5.71	6.10	6.48	6.85	7.25	7.65			
9	3 5/8	5	5.25	5.85	....	....	....	....	....	....	....	....	....	....	7.45	8.05	8.65	9.25	9.85			
10	3 7/8	5	5.88	6.50	....	....	....	....	....	....	....	....	....	....	....	8.00	8.55	9.10	9.65	10.20		
12	4 1/2	6	7.40	8.70	....	....	....	....	....	....	....	....	....	....	....	10.00	10.90	11.80	12.70	13.60		

## Standard Black Right and Left Nipples—Each

1/8	3/4	1 1/2	\$ .07	\$ .08	\$ .10	\$ .11	\$ .11	\$ .12	\$ .12	\$ .13	\$ .15	\$ .16	\$ .17	\$ .19	\$ .20	\$ .21	\$ .23	\$ .24	\$ .26
1/4	7/8	1 1/2	.07	.08	.10	.11	.11	.12	.12	.13	.15	.16	.17	.19	.20	.21	.23	.24	.26
3/8	1	1 1/2	.07	.08	.10	.11	.11	.12	.12	.13	.15	.16	.17	.19	.20	.21	.23	.24	.26
1/2	1 1/8	1 1/2	.08	.10	.11	.12	.12	.13	.13	.15	.16	.17	.19	.20	.23	.25	.28	.30	.33
3/4	1 3/8	2	.11	.12	....	.13	.15	.16	.17	.19	.20	.21	.23	.25	.28	.30	.33	.36	.38
1	1 1/2	2	.13	.15	....	.17	.19	.20	.21	.23	.24	.25	.26	.32	.36	.39	.42	.46	.50
1 1/4	1 5/8	2 1/2	.17	.20	....	.21	.24	.26	.29	.32	.34	.37	.42	.47	.52	.58	.63	.68	
1 1/2	1 3/4	2 1/2	.21	.24	....	.26	.29	.33	.36	.38	.41	.45	.50	.56	.62	.68	.73	.78	
2	2	2 1/2	.28	.32	....	.37	.41	.45	.49	.52	.58	.63	.69	.77	.86	.95	1.04	1.14	
2 1/2	2 1/2	3	.51	.59	....	....	.76	.82	.89	.95	1.02	1.11	1.23	1.34	1.46	1.59	1.71	1.82	
3	2 5/8	3	.71	.77	....	....	.85	.95	1.06	1.16	1.25	1.36	1.55	1.75	1.95	2.15	2.34	2.54	
3 1/2	2 3/4	4	.94	1.28	....	....	....	....	1.38	1.49	1.58	1.68	1.89	2.10	2.29	2.48	2.71	2.92	
4	2 7/8	4	1.20	1.46	....	....	....	....	1.67	1.80	1.93	2.08	2.34	2.60	2.86	3.12	3.38	3.64	

## Standard Galvanized Right Hand Nipples—Each

1/8	3/4	1 1/2	\$ .07	\$ .08	\$ .10	\$ .11	\$ .12	\$ .13	\$ .14	\$ .15	\$ .16	\$ .17	\$ .19	\$ .22	\$ .25	\$ .28	\$ .30	\$ .33	\$ .36		
1/4	7/8	1 1/2	.07	.08	.10	.11	.12	.13	.14	.15	.16	.17	.19	.22	.25	.28	.30	.33	.36		
3/8	1	1 1/2	.07	.08	.10	.11	.12	.13	.14	.15	.16	.17	.19	.22	.25	.28	.30	.33	.36		
1/2	1 1/8	1 1/2	.08	.09	.11	.12	.13	.14	.15	.16	.17	.18	.20	.23	.26	.29	.32	.35	.38		
3/4	1 3/8	2	.10	.12	....	.13	.14	.16	.18	.20	.22	.24	.26	.29	.32	.35	.39	.42	.45		
1	1 1/2	2	.13	.15	....	.18	.20	.22	.24	.26	.28	.30	.34	.38	.42	.46	.50	.54	.58		
1 1/4	1 5/8	2 1/2	.17	.22	....	....	.26	.28	.30	.34	.37	.40	.44	.48	.56	.62	.68	.74	.80		
1 1/2	1 3/4	2 1/2	.22	.26	....	....	.30	.34	.38	.42	.45	.48	.52	.58	.65	.73	.80	.87	.94		
2	2	2 1/2	.30	.35	....	....	.40	.45	.50	.55	.60	.65	.70	.79	.88	.97	1.06	1.15	1.24		
2 1/2	2 1/2	3	.60	.66	....	....	....	.75	.83	.90	.98	1.06	1.14	1.28	1.44	1.60	1.76	1.92	2.08		
3	2 5/8	3	.80	.87	....	....	....	....	1.01	1.10	1.20	1.30	1.40	1.50	1.70	1.90	2.10	2.30	2.50	2.70	
3 1/2	2 3/4	4	1.15	1.40	....	....	....	....	....	1.53	1.65	1.78	1.91	2.16	2.41	2.66	2.91	3.16	3.41		
4	2 7/8	4	1.27	1.60	....	....	....	....	....	1.85	2.00	2.15	2.30	2.60	2.90	3.20	3.50	3.80	4.10		
4 1/2	2 7/8	4	1.75	2.15	....	....	....	....	....	2.35	2.55	2.75	3.00	3.40	3.80	4.20	4.60	5.00	5.40		
5	3	4 1/2	2.29	2.87	....	....	....	....	....	....	3.01	3.21	3.40	3.95	4.35	4.73	5.12	5.52	5.90		
6	3 1/8	4 1/2	2.86	3.56	....	....	....	....	....	....	3.79	4.03	4.30	5.00	5.52	6.03	6.53	7.05	7.54		
7	3 1/4	5	4.10	5.35	....	....	....	....	....	....	5.70	6.05	6.75	7.45	8.15	8.85	9.55	10.25			
8	3 1/2	5	5.52	6.37	....	....	....	....	....	....	6.65	6.95	7.55	8.15	8.75	9.35	9.95	10.60			

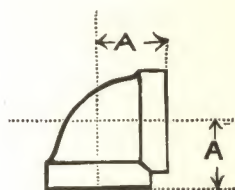
## Standard Galvanized Right and Left Nipples—Each

Standard Sawmill Log Length Conversion Table																			
Log Length	Log Length	Log Length	\$ .12	\$ .13	\$ .16	\$ .18	\$ .18	\$ .20	\$ .20	\$ .21	\$ .24	\$ .26	\$ .28	\$ .31	\$ .32	\$ .34	\$ .35	\$ .39	\$ .42
1/8	3/4	1 1/2	.12	.13	.16	.18	.18	.20	.20	.21	.24	.26	.28	.31	.32	.34	.35	.39	.42
1/4	7/8	1 1/2	.12	.13	.16	.18	.18	.20	.20	.21	.24	.26	.28	.31	.32	.34	.35	.39	.42
3/8	1	1 1/2	.12	.13	.16	.18	.18	.20	.20	.21	.24	.26	.28	.31	.32	.34	.35	.39	.42
1/2	1 1/8	1 1/2	.13	.16	.18	.20	.20	.21	.21	.24	.26	.28	.31	.32	.35	.40	.45	.48	.53
3/4	1 3/8	2	.18	.20	....	.21	.24	.26	.28	.31	.32	.34	.35	.40	.45	.48	.53	.58	.61
1	1 1/2	2	.21	.24	....	.28	.31	.32	.34	.35	.39	.40	.42	.52	.58	.63	.68	.74	.80
1 1/4	1 5/8	2 1/2	.28	.32	....	....	.34	.39	.42	.47	.52	.55	.60	.68	.76	.84	.93	1.01	1.09
1 1/2	1 3/4	2 1/2	.34	.39	....	....	.42	.47	.53	.58	.61	.66	.72	.80	.90	1.00	1.09	1.17	1.25
2	2	2 1/2	.45	.52	....	....	.60	.66	.72	.79	.84	.93	1.01	1.11	1.24	1.38	1.52	1.67	1.83
2 1/2	2 1/2	3	.82	.95	....	....	....	1.22	1.32	1.43	1.52	1.64	1.78	1.97	2.15	2.34	2.55	2.74	2.92
3	2 5/8	3	1.14	1.24	....	....	....	1.36	1.52	1.70	1.86	2.00	2.18	2.48	2.80	3.12	3.44	3.75	4.07
3 1/2	2 3/4	4	1.51	2.05	....	....	....	....	....	2.19	2.39	2.53	2.69	3.03	3.36	3.67	3.97	4.34	4.68
4	2 7/8	4	1.92	2.34	....	....	....	....	....	2.68	2.88	3.09	3.33	3.75	4.16	4.48	5.00	5.41	5.83



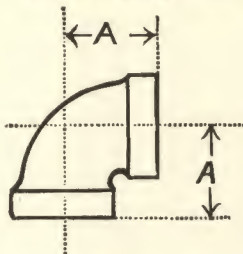
Cast Iron Drainage Fittings  
90° Elbows

No. 201 Short Turn



Size In.	Black Each	Galv. Each	A In.
1 1/4	\$ .30	\$ .52	1 1/8
1 1/2	.38	.67	2
1 1/2 x 1 1/4	.57	1.00	2
2	.57	1.00	2 1/4
2 x 1 1/2	.85	1.50	2 1/8
2 1/2	1.20	2.10	2 13/16
3	1.45	2.55	3 3/8
4	2.30	4.00	3 15/16
5	4.25	7.40	4 5/8
6	6.25	11.00	5 11/32
8	15.00	26.25	6 1/2
10	31.00	54.00	7 7/8
12	47.50	83.00	9

No. 202 Long Turn

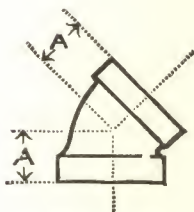


Size In.	Black Each	Galv. Each	A In.
1 1/4	\$ .35	\$ .60	2 3/8
1 1/2	.42	.72	2 1/2
2	.65	1.15	3 1/16
2 1/2	1.40	2.45	3 11/16
3	1.75	3.10	5 7/8
4	2.75	4.80	6 3/4
5	5.25	9.20	6 1/8
6	7.50	13.15	7 1/8
8	19.00	33.25	11 7/8
10	38.00	66.50	12 1/4
12	57.50	100.00	13
Extra Long			
1 1/2	\$ .42	\$ .72	3 1/16
2	.65	1.15	3 7/8

90° elbows are tapped, pitched 1/4 inch to the foot.

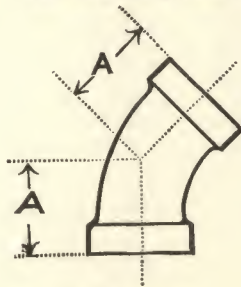
## 45° Elbows

No. 203 Short Turn



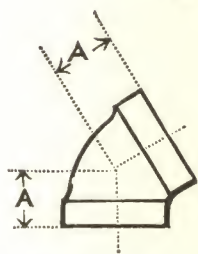
Size In.	Black Each	Galv. Each	A In.
1 1/4	\$ .30	\$ .52	1 5/16
1 1/2	.38	.67	1 11/16
2	.57	1.00	1 5/8
2 1/2	1.20	2.10	1 11/16
3	1.45	2.55	2 3/16
4	2.30	4.00	2 7/16
5	4.25	7.40	3 3/16
6	6.25	11.00	3
8	15.00	26.25	4 1/4
10	31.00	54.00	4 7/16
12	47.50	83.00	5 1/2

No. 204 Long Turn



Size In.	Black Each	Galv. Each	A In.
1 1/4	\$ .35	\$ .60	1 3/4
1 1/2	.42	.72	1 7/8
2	.65	1.15	2 1/4
2 1/2	1.40	2.45	3
3	1.75	3.10	4 5/8
4	2.75	4.80	4 5/8
5	5.25	9.20	5 7/16
6	7.50	13.15	6 3/4
8	19.00	33.25	7 3/4
10	38.00	66.50	8 1/2
12	57.50	100.00	

## No. 208 60° Elbows



Size In.	Black Each	Galv. Each	A In.
1 1/4	\$ .30	\$ .52	1 1/2
1 1/2	.38	.67	1 1/2
2	.57	1.00	1 7/8
2 1/2	1.20	2.10	2 1/4
3	1.45	2.55	2 1/2
4	2.30	4.00	2 7/8
5	4.25	7.40	3 1/4
6	6.25	11.00	3 3/8
8	15.00	26.25	4 3/4
10	31.00	54.00	5 1/4

In ordering, specify whether black uncoated, black tar-coated or galvanized fittings are desired.

Cast Iron Drainage Fittings  
No. 205 22 1/2° Elbows

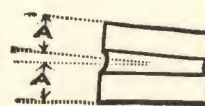
Size In.	Black Each	Galv. Each	A In.
1 1/4	\$ .30	\$ .52	1 1/16
1 1/2	.38	.67	1 1/4
2	.57	1.00	1 1/16
2 1/2	1.20	2.10	1 1/2
3	1.45	2.55	1 7/8
4	2.30	4.00	1 7/8
5	4.25	7.40	2
6	6.25	11.00	2 3/16
8	15.00	26.25	2 7/8
10	31.00	54.00	3 3/4

## No. 206 11 1/4° Elbows



Size In.	Black Each	Galv. Each	A In.
1 1/4	\$ .30	\$ .52	1 1/16
1 1/2	.38	.67	1 1/4
2	.57	1.00	1 3/8
2 1/2	1.20	2.10	1 7/16
3	1.45	2.55	1 5/8
4	2.30	4.00	1 11/16
5	4.25	7.40	1 7/8
6	6.25	11.00	2
8	15.00	26.25	2 1/8
10	31.00	54.00	3

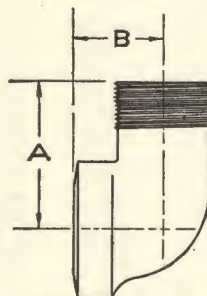
## No. 207 5 5/8° Elbows



Size In.	Black Each	Galv. Each	A In.
1 1/4	\$ .30	\$ .52	1 1/16
1 1/2	.38	.67	1 5/16
2	.57	1.00	1 1/4
2 1/2	1.20	2.10	1 1/2
3	1.45	2.55	1 5/8
4	2.30	4.00	1 11/16
5	4.25	7.40	1 3/4
6	6.25	11.00	1 7/8
8	15.00	26.25	2

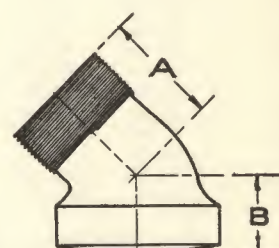
## Street Elbows

No. 262 90°



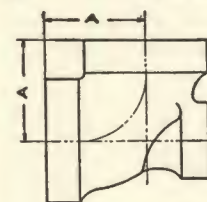
Size In.	Black Each	Galv. Each	A In.	B In.
1 1/4	\$ .35	\$ .60	2 5/8	1 3/4
1 1/2	.40	.70	3	1 13/16
2	.60	1.10	3	2 1/4

No. 263 45°



Size In.	Black Each	Galv. Each	A In.	B In.
1 1/4	\$ .35	\$ .60	1 3/4	1 5/16
1 1/2	.40	.70	2	1 3/4
2	.60	1.10	2 1/4	1 5/8

## No. 209 90° Elbows with Heel Outlet

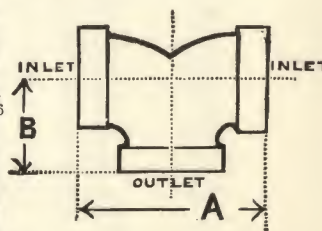


Size In.	Black Each	Galv. Each	A In.	B In.
3	\$3.00	\$5.25		
4	3.85	6.75	3 13/16	3 5/8

Size of outlet, 2 inches.  
B is center of inlet to face of 2-inch heel outlet.

## No. 214 3-Way Elbows

Size In.	Black Each	Galv. Each	A In.	B In.
1 1/4	\$ .75	\$1.25	4 3/4	2 3/8
1 1/2	.85	1.50	5 1/2	2 3/4
2	1.10	1.95	6 1/4	3 1/8
2 1/2	2.25	3.90	7 3/8	3 11/16
3	3.00	5.25	10 3/4	5 3/8
4	5.00	8.75	14 3/4	7 3/8
4x3	5.50	9.65	9 1/2	4 3/16
5	7.50	13.15	15	7 1/2
5x4	8.25	14.50	11 3/8	5 5/16
6	13.50	23.50	16 1/4	8 1/8
6x4	15.00	26.25	12 3/8	5 7/16



Inlets tapped, pitched 1/4 inch to the foot.

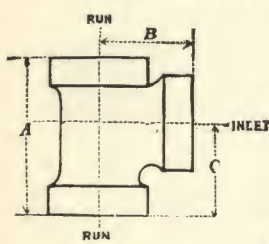
In ordering, specify whether black uncoated, black tar-coated or galvanized fittings are desired.

BRIDGE PLUMBERS SUPPLY CO.





**Cast Iron Drainage Fittings**  
**No. 222 Short Turn TY's**

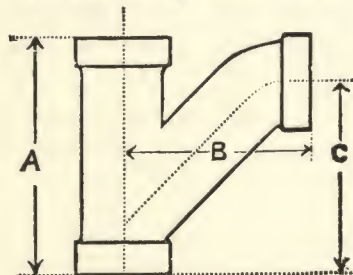


Size In.	Black Each	Galv. Each	A In.	B In.	C In.
1 1/4	\$ .45	\$ .80	3 13/16	2 3/8	2 3/8
1 1/2	.57	1.00	4 5/16	2 1/2	2 1/2
2	.85	1.50	5 3/4	3 3/8	3 3/8
2 1/2	1.80	3.15	6 5/8	3 7/8	3 3/4
3	2.20	3.85	7 1/4	4 1/4	4 1/4
4	3.50	6.15	8 3/4	5 3/8	5 3/8
5	6.50	11.35	10 1/4	6 3/8	6 3/8
6	9.50	16.50	12	7 1/8	7 1/8
8	23.00	40.00	15 1/4	9 1/8	9 3/8
10	47.00	82.00	19 1/2	12 1/4	12 1/4

**No. 224 Reducing Short Turn TY's**

Size In.	Black Each	Galv. Each	A In.	B In.	C In.
1 1/2 x 1 1/4	\$ .63	\$ 1.10	4 3/8	2 3/4	2 3/4
2 x 1 1/4	.95	1.65	4 7/16	2 11/16	2 11/16
2 x 1 1/2	.95	1.65	4 15/16	3	2 7/8
2 x 1 1/2 x 1 1/2	.95	1.65	4 1/2	2 1/2	2 3/4
*2 1/2 x 1 1/4	2.00	3.50	5 1/8	3 1/4	3
2 1/2 x 1 1/2	2.00	3.50	5 1/8	3 1/4	3
2 1/2 x 2	2.00	3.50	5 1/2	3 11/16	3 1/8
3 x 1 1/2	2.40	4.20	5 1/16	3 3/8	2 15/16
3 x 2	2.40	4.20	5 3/4	3 3/8	3 1/4
*4 x 1 1/2	3.85	6.75	5 13/16	4 1/16	3 3/8
4 x 2	3.85	6.75	5 13/16	4 1/16	3 3/8
*4 x 2 1/2	3.85	6.75	7 3/8	4 3/4	4 5/16
4 x 3	3.85	6.75	7 3/8	4 3/4	4 5/16
5 x 1 1/2	7.15	12.50	5 13/16	4 3/8	3 3/8
5 x 2	7.15	12.50	6 1/8	4 1/2	3 11/16
5 x 3	7.15	12.50	7 3/4	5 3/16	4 1/2
5 x 4	7.15	12.50	9 1/4	5 13/16	5 1/4
6 x 2	10.50	18.50	6 5/16	5 3/16	3 11/16
*6 x 3	10.50	18.50	9 1/4	5 15/16	5 7/16
6 x 4	10.50	18.50	9 1/4	5 15/16	5 7/16
6 x 5	10.50	18.50	10 3/8	5 15/16	5 13/16
*8 x 3	25.50	44.50	11 5/8	7 3/8	7 1/2
8 x 4	25.50	44.50	11 5/8	7 3/8	7 1/2
*8 x 5	25.50	44.50	12 3/4	8 1/16	8 3/8
8 x 6	25.50	44.50	12 3/4	8 1/16	8 3/8
*10 x 4	52.00	88.00	13 3/8	9 15/16	8 3/8
*10 x 5	52.00	88.00	13 3/8	9 15/16	8 3/8
10 x 6	52.00	88.00	13 3/8	9 15/16	8 3/8
*10 x 8	52.00	88.00	19 1/2	12 1/4	12 1/4

**No. 223 Long Turn TY's**



Size In.	Black Each	Galv. Each	A In.	B In.	C In.
1 1/4	\$ .57	\$ 1.00	4 3/4	3 5/8	3 7/16
1 1/2	.70	1.22	5 7/16	4 3/8	3 7/8
2	1.10	1.95	6 1/2	5 1/8	4 5/8
2 1/2	2.40	4.20	8 1/4	6 3/8	6 1/16
3	3.35	5.85	9	7	6 1/2
4	6.00	10.50	10 3/4	8 7/8	7 5/8
5	9.50	16.50	13	10 3/8	9 5/16
6	20.00	35.00	14 1/4	10 3/4	10 1/4
8	40.00	70.00	17 1/16	13 1/4	11 5/8
10	55.00	90.00	22 3/4	16 7/16	15 3/8
12	80.00	140.00	26 5/8	19	20

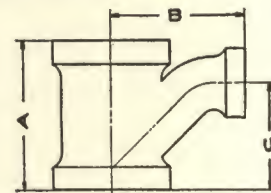
The inlet of TY's is tapped, pitched 1/4 inch to the foot.

\*Cast from nearest regular pattern.

In ordering, specify whether black uncoated, black tar-coated or galvanized fittings are desired.

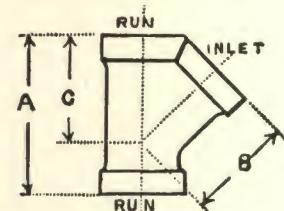
**Cast Iron Drainage Fittings**

**No. 225 Reducing Long Turn TY's**



Size In.	Black Each	Galv. Each	A In.	B In.	C In.
*1 1/2 x 1 1/4	\$ .80	\$ 1.40	5 7/16	4 3/16	3 7/8
*2 x 1 1/4	1.20	2.10	5 13/16	4 1/2	4 1/2
2 x 1 1/2	1.20	2.10	5 13/16	4 1/2	4 1/2
2 1/2 x 1 1/2	2.65	4.65	5 3/4	4 1/2	4 1/4
*2 1/2 x 2	2.65	4.65	8 1/4	6 3/16	6 1/16
3 x 1 1/2	3.75	6.55	5 7/8	5 1/4	4 9/16
3 x 2	3.75	6.55	6 5/8	5 1/2	4 1/2
3 x 2 1/2	3.75	6.55	....	....	....
*4 x 1 1/2	6.60	11.55	7	6 3/8	5 1/8
4 x 2	6.60	11.55	7	6 3/8	5 1/8
*4 x 2 1/2	6.60	11.55	9 1/4	7 3/4	6 1/2
4 x 3	6.60	11.55	9 1/4	7 3/4	6 1/2
*5 x 1 1/2	10.50	18.50	7 3/8	6 11/16	5 5/8
5 x 2	10.50	18.50	7 3/8	6 11/16	5 5/8
5 x 3	10.50	18.50	9 1/2	8 7/16	7
5 x 4	10.50	18.50	11 1/8	9 7/16	7 15/16
6 x 2	22.00	38.50	6 1/2	6 3/4	4 7/16
6 x 3	22.00	38.50	8 7/8	7 1/4	6 1/4
6 x 4	22.00	38.50	11 1/4	9 13/16	8 3/4
6 x 5	22.00	38.50	13	10 11/16	9 7/16
8 x 3	44.00	77.00	8 3/4	9 1/4	5 7/8
8 x 4	44.00	77.00	10 5/8	10	7 1/4
*8 x 5	44.00	77.00	14 1/4	10 3/4	8 3/4
8 x 6	44.00	77.00	14 1/4	10 3/4	8 3/4
*10 x 4	60.00	102.00	16 1/8	14 1/8	11 5/8
10 x 6	60.00	102.00	16 1/8	14 1/8	11 5/8
10 x 8	60.00	102.00	17 3/8	11 1/4	11 3/8

**No. 226 45° Y's**



Size In.	Black Each	Galv. Each	A In.	B In.	C In.
1 1/4	\$ .52	\$ .90	5 3/16	3 7/16	3 7/16
1 1/2	.65	1.15	5 1/4	3 7/16	3 7/16
2	.95	1.65	6 1/4	4 1/8	4 1/8
2 1/2	2.10	3.70	8	5 1/4	5 1/4
3	2.65	4.65	8 3/8	6	6
4	3.85	6.75	10 7/8	7 11/16	7 11/16
5	7.10	12.50	11 3/8	8 3/8	8 3/8
6	10.50	18.50	13 1/4	10	10
8	25.00	44.00	16 1/2	12 3/8	12 3/8
10	52.00	91.00	20 1/4	15 1/4	15 1/4
12	75.00	130.00	24 1/4	19 3/8	19 3/8

The inlet of TY's is tapped, pitched 1/4 inch to the foot.

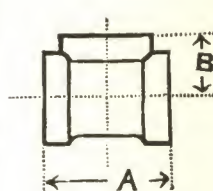
\*Cast from nearest regular pattern.

In ordering, specify whether black uncoated, black tar-coated or galvanized fittings are desired



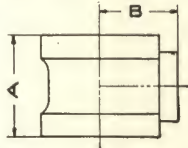
Cast Iron Drainage Fittings

No. 231 Tees



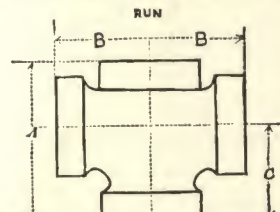
Size In.	Black Each	Galv. Each	A In.	B In.
1 1/4	\$ .45	\$ .80	3 3/4	1 7/8
1 1/2	.55	1.00	4 1/8	2
2	.80	1.40	5 1/8	2 1/2
2 1/2	1.50	2.50	5 1/8	2 9/16
3	2.00	3.50	6 3/8	3 1/4
4	3.25	5.70	8	4 1/8
5	6.00	10.50	9 1/8	4 9/16
6	8.75	15.25	10 3/8	5 3/16
8	21.00	37.00	13	6 1/2
10	43.00	75.00	15	7 1/2
12	60.00	100.00	18	9

No. 233 Reducing Tees



Size Inches	Black Each	Galv. Each	A In.	B In.
*1 1/2 x 1 1/4	\$ .60	\$ 1.10	4 1/8	2
*2 x 1 1/4	.90	1.60	4 3/8	2 1/2
2 x 1 1/2	.90	1.60	4 3/8	2 1/2
2 1/2 x 1 1/2	1.65	2.75	4 1/2	2 3/4
2 1/2 x 2	1.65	2.75	5 1/16	2 3/4
*3 x 1 1/2	2.20	3.85	5 1/2	3 1/8
3 x 2	2.20	3.85	5 1/2	3 1/8
4 x 2	3.60	6.30	4 7/8	3 3/8
4 x 3	3.60	6.30	6 3/4	3 7/8
*5 x 2	6.60	11.55	6 7/8	4 1/16
5 x 3	6.60	11.55	6 7/8	4 1/16
5 x 4	6.60	11.55	8 1/8	4 9/16
*6 x 2	9.60	16.75	8 1/8	5 1/8
*6 x 3	9.60	16.75	8 1/8	5 1/8
6 x 4	9.60	16.75	8 1/8	5 1/8
*6 x 5	9.60	16.75	10 3/8	5 3/16
*8 x 4	23.00	40.70	10 1/4	6
*8 x 5	23.00	40.70	10 1/4	6
8 x 6	23.00	40.70	10 1/4	6
*10 x 5	47.30	82.50	11 3/8	7 1/16
10 x 6	47.30	82.50	11 3/8	7 1/16
*10 x 8	47.30	82.50	15	7 1/2

No. 234 Short Turn Crosses



Size In.	Black Each	Galv. Each	A In.	B In.	C In.
1 1/4	\$ .70	\$ 1.22	3 13/16	2 3/16	2 3/16
1 1/2	.85	1.50	4 3/16	2 1/2	2 1/2
2	1.30	2.30	5 3/4	3 3/16	3 3/16
2 1/2	2.85	5.00	6 3/8	3 7/8	3 7/8
3	3.40	5.95	7 1/4	4 3/16	4 3/16
4	5.25	9.20	9 1/8	5 3/8	5 3/8
5	9.50	16.50	10 1/4	6 3/16	6 3/16
6	14.00	24.50	12	7 1/8	7 1/8
8	36.00	62.00	15 1/4	9 3/8	9 3/8

\*Cast from nearest regular pattern.

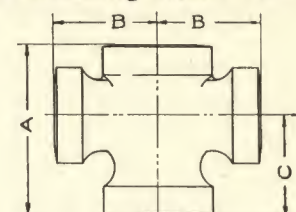
Inlet (or branch) of tees is tapped, pitched 1/4 inch to the foot.

Inlets of short turn crosses are tapped, pitched 1/4 inch to the foot.

In ordering, specify whether black uncoated, black tar-coated or galvanized fittings are desired.

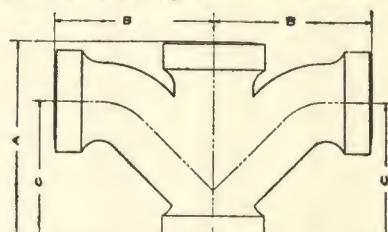
Cast Iron Drainage Fittings

No. 236 Reducing Short Turn Crosses



Size In.	Black Each	Galv. Each	A In.	B In.	C In.
1 1/2 x 1 1/4	\$ .95	\$ 1.65	4 3/8	2 3/4	2 3/4
2 x 1 1/4	1.50	2.60	4 7/16	2 13/16	2 11/16
2 x 1 1/2	1.50	2.60	4 13/16	3	2 7/8
*2 1/2 x 1 1/2	3.15	5.50	5 1/2	3 11/16	3 1/8
2 1/2 x 2	3.15	5.50	5 1/2	3 11/16	3 1/8
3 x 1 1/2	3.75	6.55	5 1/16	3 5/16	2 13/16
3 x 2	3.75	6.55	5 3/4	3 5/8	3 1/4
4 x 2	5.75	10.00	5 15/16	4 1/4	3 1/4
4 x 3	5.75	10.00	7 3/8	4 15/16	4 1/8
5 x 2	10.50	18.50	6 1/8	4 1/2	3 11/16
*5 x 3	10.50	18.50	9 1/4	5 13/16	5 1/4
5 x 4	10.50	18.50	9 1/4	5 13/16	5 1/4
*6 x 2	15.50	27.00	7 7/8	5 3/4	4 3/16
6 x 3	15.50	27.00	7 7/8	5 3/4	4 3/16
6 x 4	15.50	27.00	9 1/4	5 13/16	5 1/4
6 x 5	15.50	27.00	10 3/8	5 13/16	5 13/16
*8 x 6	40.00	68.00	15 1/4	9 1/8	9 3/16

No. 235 Long Turn Crosses



Size In.	Black Each	Galv. Each	A In.	B In.	C In.
1 1/4	\$ 1.00	\$ 1.75	4 3/4	3 5/8	3 7/16
1 1/2	1.10	1.95	5 7/16	4 3/16	3 7/8
2	1.75	3.10	6 1/2	5 1/8	4 5/8
2 1/2	3.60	6.30	8 1/4	6 3/16	6 1/16
3	5.00	8.75	9	7	6 1/2
4	9.00	15.75	10 3/4	8 5/8	7 5/8
5	14.00	24.50	13	10 3/16	9 3/16
6	30.00	52.50	14 1/4	10 3/4	10 1/4
8	60.00	105.00	17 1/16	13 1/4	11 5/8
12	125.00	205.00	26 5/8	19	20

No. 237 Reducing Long Turn Crosses

Size In.	Black Each	Galv. Each	A In.	B In.	C In.
*1 1/2 x 1 1/4	\$ 1.25	\$ 2.25	5 7/16	4 3/16	3 7/8
*2 x 1 1/4	1.90	3.35	5 13/16	4 1/2	4 1/2
2 x 1 1/2	1.90	3.35	5 13/16	4 1/2	4 1/2
2 1/2 x 1 1/2	4.00	7.00	5 3/4	4 1/2	4 1/4
*2 1/2 x 2	4.00	7.00	8 1/4	6 3/16	6 1/16
3 x 1 1/2	5.50	9.65	5 7/8	5 1/4	4 3/16
3 x 2	5.50	9.65	6 5/8	5 1/2	4 1/2
4 x 2	10.00	17.50	7	6 3/8	5 1/8
*4 x 3	10.00	17.50	10 3/4	8 5/8	7 5/8
5 x 2	15.50	27.00	7 3/8	6 11/16	5 5/8
*5 x 3	15.50	27.00	11 1/8	9 7/16	7 13/16
5 x 4	15.50	27.00	11 1/8	9 7/16	7 13/16
*6 x 2	33.00	58.00	8 7/8	7 1/4	6 1/4
6 x 3	33.00	58.00	8 7/8	7 1/4	6 1/4
*6 x 4	33.00	58.00	13	10 11/16	9 7/16
6 x 5	33.00	58.00	13	10 11/16	9 7/16
8 x 6	66.00	112.00	14 1/4	10 3/4	8 3/4
10 x 6	77.00	130.00	16 3/8	14 3/8	11 5/8

\*Cast from nearest regular pattern.

Inlets are tapped, pitched 1/4 inch to the foot.

In ordering, specify whether black uncoated, black tar-coated or galvanized fittings are desired.





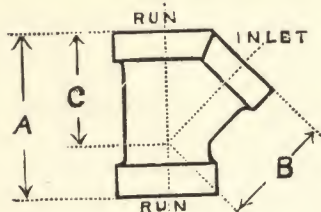
**BRIDGE**

**PLUMBERS SUPPLY CO.**

**1139 SECOND AVENUE, NEW YORK**

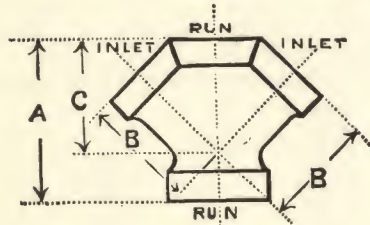
**Cast Iron Drainage Fittings**

**No. 228 Reducing 45° Y's**



Size In.	Black Each	Galv. Each	A In.	B In.	C In.
1 1/2 x 1 1/4	\$ .72	\$ 1.25	5 1/4	3 7/16	3 7/16
*2 x 1 1/4 x 1 1/2	1.05	1.85	5 1/8	3 5/8	3 5/8
*2 x 1 1/2 x 1 1/4	1.05	1.85	5 1/8	3 5/8	3 5/8
2 x 1 1/2 x 1 1/4	1.05	1.85	5 1/8	3 5/8	3 5/8
2 x 1 1/2 x 2	1.05	1.85	5 7/8	3 15/16	4
*2 x 1 1/4	1.05	1.85	5 15/16	4 1/4	4 1/4
†2 x 1 1/2	1.05	1.85	5 15/16	4 1/4	4 1/4
*2 1/2 x 1 1/2	2.30	4.00	6 3/8	4 3/4	4 5/8
2 1/2 x 2	2.30	4.00	6 3/8	4 3/4	4 5/8
3 x 1 1/2	2.90	5.10	6 5/8	5 1/16	4 11/16
3 x 2	2.90	5.10	6 3/4	5 1/4	5 1/8
*3 x 2 1/2	2.90	5.10	8 3/8	6	6
4 x 1 1/2	4.25	7.40	7 5/8	5 5/8	5 7/16
4 x 2	4.25	7.40	6 5/8	5 7/8	5 5/8
4 x 2 1/2	4.25	7.40	7 1/4	5 7/8	5 3/4
4 x 3	4.25	7.40	8 1/2	6 5/8	6 3/8
5 x 2	7.80	13.65	7 1/8	6 3/4	6
5 x 3	7.80	13.65	8 3/4	7 1/2	7 1/8
5 x 4	7.80	13.65	10 5/16	8	7 7/8
6 x 2	11.50	20.00	7	7 1/2	6 5/8
6 x 3	11.50	20.00	8 13/16	8 1/4	7 1/2
6 x 4	11.50	20.00	10 1/2	9	8 7/8
6 x 5	11.50	20.00	11 1/2	9 1/8	9
*8 x 3	27.50	48.00	10 3/8	10	8 7/8
8 x 4	27.50	48.00	10 3/8	10	8 7/8
8 x 5	27.50	48.00	11 3/8	10 5/8	9 3/4
8 x 6	27.50	48.00	14	12	11 1/2
10 x 4	57.00	97.00	11 7/8	12 5/8	11 5/8
*10 x 5	57.00	97.00	13 7/8	13 3/8	13
10 x 6	57.00	97.00	13 7/8	13 3/8	13
*10 x 8	57.00	97.00	20 1/4	15 1/4	15 1/4
12 x 4	80.00	140.00	15	13 3/8	11 3/8
12 x 5	80.00	140.00	15	14	12 1/4
12 x 6	80.00	140.00	15	14 5/8	13 1/8

**No. 227 Double 45° Y's**



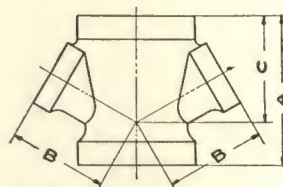
Size In.	Black Each	Galv. Each	A In.	B In.	C In.
1 1/4	\$ .90	\$ 1.60	5 3/16	3 7/16	3 7/16
1 1/2	1.00	1.75	5 1/4	3 7/16	3 7/16
2	1.45	2.55	6 1/4	4 1/8	4 1/8
2 1/2	3.25	5.70	8	5 1/4	5 1/4
3	4.00	7.00	8 3/8	6	6
4	5.75	10.00	9 5/8	7	7
5	10.75	18.80	11 3/8	8 3/8	8 3/8
6	16.00	28.00	13 1/4	10	10
8	38.00	66.50	16 1/2	12 3/8	12 3/8
10	78.00	137.00	20 1/4	15 1/4	15 1/4

\*Cast from nearest regular pattern.

†Also made with 1-inch cleanout on back.

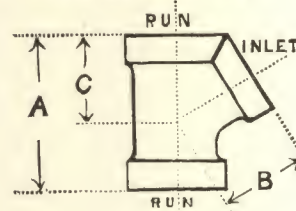
In ordering, specify whether black uncoated, black tar-coated or galvanized fittings are desired.

**Cast Iron Drainage Fittings**  
**No. 229 Reducing Double 45° Y's**



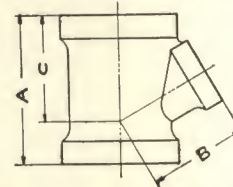
Size In.	Black Each	Galv. Each	A In.	B In.	C In.
1 1/2 x 1 1/4	\$ 1.10	\$ 1.90	5 1/4	3 7/16	3 7/16
*2 x 1 1/4	1.60	2.80	5 15/16	4 1/4	4 1/4
2 x 1 1/2	1.60	2.80	5 15/16	4 1/4	4 1/4
*2 1/2 x 1 1/2	3.60	6.30	6 3/8	4 3/4	4 5/8
2 1/2 x 2	3.60	6.30	6 3/8	4 3/4	4 5/8
*3 x 1 1/2	4.40	7.70	6 3/4	5 1/4	5 1/8
3 x 2	4.40	7.70	6 3/4	5 1/4	5 1/8
4 x 2	6.35	11.00	6 5/8	5 15/16	5 3/4
4 x 3	6.35	11.00	8 1/2	6 5/8	6 3/8
5 x 2	11.75	20.50	7 1/8	6 5/8	5 7/8
*5 x 3	11.75	20.50	10 5/16	8	7 7/8
5 x 4	11.75	20.50	10 5/16	8	7 7/8
*6 x 2	17.50	30.50	8 13/16	8 1/4	7 1/2
6 x 3	17.50	30.50	8 13/16	8 1/4	7 1/2
6 x 4	17.50	30.50	10 1/2	9	8 7/8
*6 x 5	17.50	30.50	13 1/4	10	10
8 x 3	42.00	72.00	9	10	8 7/8
8 x 4	42.00	72.00	10 3/8	10	8 7/8
*8 x 5	42.00	72.00	14 1/8	12 5/16	11 13/16
8 x 6	42.00	72.00	14 1/8	12 5/16	11 13/16
*10 x 8	86.00	146.00	20 1/4	15 1/4	15 1/4

**No. 230 60° Y's**



Size In.	Black Each	Galv. Each	A In.	B In.	C In.
1 1/4	\$ .52	\$ .90	4 7/8	2 3/4	2 3/4
1 1/2	.65	1.15	5 1/4	3 1/16	2 7/8
2	.95	1.65	6 1/4	3 3/8	3 3/4
2 1/2	2.10	3.70	6 1/2	4 1/8	4 1/8
3	2.65	4.65	7 1/4	4 7/8	4 7/8
4	3.85	6.75	8 7/16	6	5 3/4
5	7.10	12.50	10 1/4	7	7
6	10.50	18.50	11 5/8	7 7/8	7 7/8

**No. 232 Reducing 60° Y's**



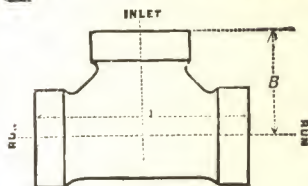
Size In.	Black Each	Galv. Each	A In.	B In.	C In.
*1 1/2 x 1 1/4	\$ .72	\$ 1.25	5 1/4	3 7/16	2 7/8
*2 x 1 1/2	1.05	1.85	6 1/4	3 3/8	3 3/4
*3 x 2	2.90	5.10	7 1/4	4 7/8	4 7/8
4 x 2	4.25	7.40	7 1/6	4 5/8	5 1/16
*4 x 3	4.25	7.40	8 7/16	6	5 3/4
*5 x 4	7.80	13.65	10 1/4	7	7
6 x 4	11.50	20.00	9 3/4	7 1/4	7
*6 x 5	11.50	20.00	11 5/8	7 7/8	7 7/8
8 x 6	27.50	48.00	12 3/8	9 3/8	8 7/16

\*Cast from nearest regular pattern.

In ordering, specify whether black uncoated, black tar-coated or galvanized fittings are desired.

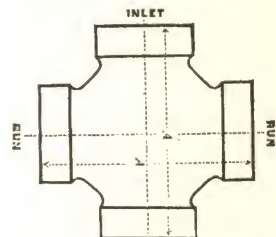


## Cast Iron Drainage Fittings



**No. 238 Basin Tees**

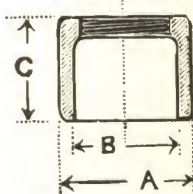
Size In.	Black Each	Galv. Each	A In.	B In.
1 1/4	\$ .60	\$ 1.00	4 3/4	2 3/8
1 1/2	.70	1.22	5 5/8	2 13/16
*1 1/2 x 1 1/4	.77	1.35	5 5/8	2 13/16
2	1.10	1.95	7	3 1/2
2 x 1 1/2	1.20	2.10	6 3/4	3 3/8
2 1/2 x 1 1/4	2.00	3.50	5 3/4	3 1/2



**No. 239 Basin Crosses**

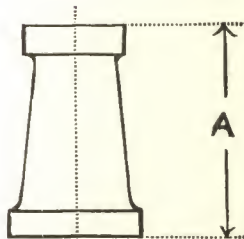
Size In.	Black Each	Galv. Each	A In.	B In.
1 1/2	\$ 1.50	\$ 2.50	5 5/8	5 5/8
2	1.75	3.10	7	7
2 x 1 1/2	1.95	3.40	6 3/4	6 3/4

**No. 240-A Roof Connections**



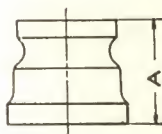
Size In.	Black Each	Galv. Each	A In.	B In.	C In.
1 1/2	\$ 1.10	\$ 1.90	2 7/8	2 1/4	3
2	1.15	2.00	3 1/2	3	3 1/2
3	1.20	2.10	5	4 1/4	3 3/4
4	1.50	2.60	5 7/8	5 1/8	5
5	2.00	3.50	7 3/8	6 1/2	6
6	4.25	7.40	8 1/4	7 5/8	6 7/8

**No. 244 Increasers**



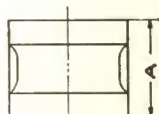
Size In.	Black Each	Galv. Each	A In.
2 x 1 1/2	\$ 1.75	\$ 3.00	9
2 1/2 x 2	2.00	3.50	9
3 x 2	2.50	4.40	9
3 x 2 1/2	2.50	4.40	9
4 x 2	3.75	6.55	9
4 x 3	3.75	6.55	9
5 x 2	5.50	9.65	9
5 x 3	5.50	9.65	9
5 x 4	5.50	9.65	9
6 x 4	6.50	11.35	9
6 x 5	6.50	11.35	9
8 x 4	15.00	26.25	9
8 x 6	15.00	26.25	9
10 x 6	20.00	35.00	9
10 x 8	20.00	35.00	9
12 x 10	40.00	70.00	9

**No. 246 Tucker Connections**



Size In.	Black Each	Galv. Each	A In.
2	\$ .80	\$ 1.40	3 5/8
*2 x 1 1/2	.80	1.40	3 5/8
3	2.00	3.50	4 5/8
4	3.25	5.70	6 1/4
5	6.00	10.50	6 1/2
6	8.75	15.25	6 11/16
8	21.00	37.00	6 13/16
10	43.00	75.00	7 1/8
12	80.00	140.00	9 1/8

**No. 256 Couplings**



Size In.	Black Each	Galv. Each	A In.
1 1/4	\$ .70	\$ 1.25	3
1 1/2	.80	1.40	3 7/16
2	.90	1.60	3 1/2
2 1/2	1.20	2.10	4
3	1.50	2.60	4 1/4
4	2.50	3.40	4 1/2
5	4.00	7.00	4 3/4
6	6.00	10.50	5 1/4

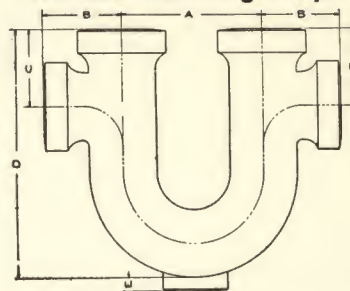
Inlets of basin tees and crosses are tapped, pitched 1/4 inch to the foot.

\*Cast from nearest regular pattern.

In ordering specify whether black uncoated, black tar-coated or galvanized fittings are desired.

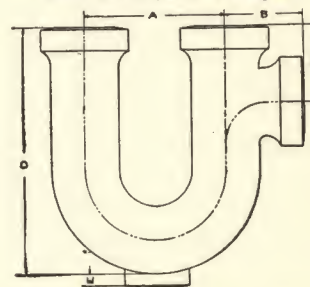
## Cast Iron Drainage Fittings

**No. 257 Running Traps**



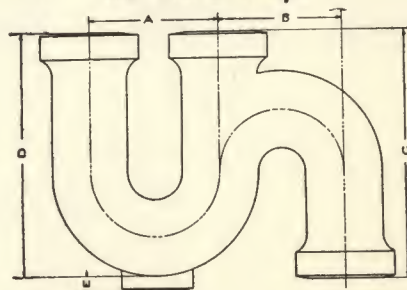
Size In.	Black Each	Galv. Each	Size Vent In.	Clean-out In.	DIMENSIONS, INCHES				
					A	B	C	D	E
1 1/4	\$ 2.40	\$ 4.20	1 1/4	1	3	2 7/8	1 7/8	5 5/8	1 1/4
1 1/2	2.70	4.70	1 1/2	1	4	3 7/16	1 15/16	7	1 1/4
2	3.30	5.75	2	1	4	3 1/16	2 9/16	7 1/8	1 1/4
3	5.50	9.50	3	2	6 1/2	3 3/4	3 1/2	11 1/2	1 1/4
4	9.75	17.00	4	3	7 1/2	5 1/4	4	13 3/4	1 1/4
5	24.50	43.00	4	4	8 7/16	6 1/8	4 3/4	16	1 1/4
6	33.50	58.50	6	4	10	6 3/4	5 1/16	19 1/4	1 1/4
8	65.00	115.00	6	4	12 3/8	9 1/8	6 5/8	23 3/4	1 1/4
10	115.00	200.00	6	4	14 1/4	10 3/16	7 1/2	27 1/4	1 1/4
12	180.00	300.00	8	6	16 1/2	11 1/2	8 1/2	31 3/4	3/8

**No. 258 1/2 S Traps**



Size In.	Black Each	Galv. Each	Size Vent In.	Clean-out In.	DIMENSIONS, INCHES				
					A	B	C	D	E
1 1/4	\$ 1.55	\$ 2.70	1 1/4	1	3	2 7/8	1 7/8	5 5/8	1 1/4
1 1/2	1.70	3.00	1 1/2	1	4	3 7/16	1 15/16	7	1 1/4
2	2.20	3.85	2	1	4	3 1/16	2 9/16	7 1/8	1 1/4
3	5.00	8.75	3	2	6 1/2	3 3/4	3 1/2	11 1/2	1 1/4
4	10.00	17.50	4	3	7 1/2	5 1/4	4	13 3/4	1 1/4
5	21.50	37.50	4	4	8 7/16	6 1/8	4 3/4	16	1 1/4
6	32.50	57.00	6	4	10 3/8	7	5 3/4	19 1/16	1 1/4
8	55.00	95.00	6	4	12 3/8	9 1/8	6 5/8	23 3/4	1 1/4

**No. 260 S Traps**



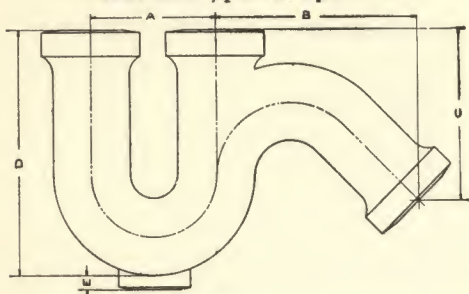
Size In.	Black Each	Galv. Each	Size Vent In.	Clean-out In.	DIMENSIONS, INCHES				
					A	B	C	D	E
1 1/2	\$ 3.25	\$ 5.75	1 1/2	1	3	1 7/8	5 5/8	5 3/8	3/8
2	4.00	7.00	2	1 1/4	4 1/4	4 1/16	8 1/8	8	3/8
3	9.25	16.00	3	2	8 3/16	2 13/16	11	10 5/8	3/8
4	14.00	24.00	4	2	10 1/8	3 3/16	13 3/4	13	3/8

All traps are furnished with cleanout unless otherwise specified.

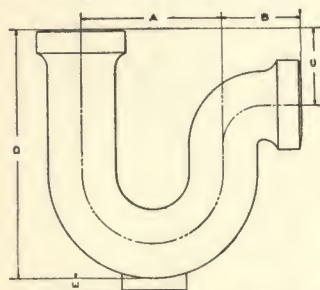
In ordering, specify whether black uncoated, black tar-coated or galvanized fittings are desired.

BRIDGE PLUMBERS SUPPLY CO.

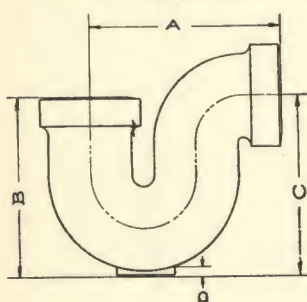


**BRIDGE****PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK****Cast Iron Drainage Fittings  
No. 259 3/4 S Traps**

Size In.	Black Each	Galv. Each	Size Vent In.	Clean-out In.	DIMENSIONS, INCHES				
					A	B	C	D	E
1 1/2	\$3.25	\$5.75	1 1/2	1	3	2 1/4	4	5 3/8	3/8
2	4.00	7.00	2	1 1/4	4 1/16	5 5/8	5 5/8	8 1/8	3/8
3	9.25	16.00	3	2	6 1/2	7 1/4	5 5/8	11 1/2	3/8
4	14.00	24.00	4	3	7 11/16	8 3/4	6 7/8	13 5/8	1/4

**No. 261 1/2 S  
Traps  
No Vent**

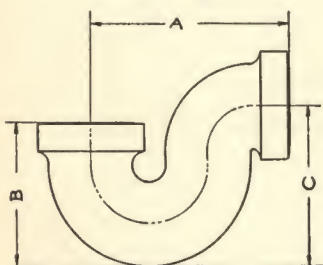
Size in.	1 1/2	2	3
Black ea.	\$1.55	\$2.00	\$4.70
Galv. ea.	2.70	3.50	8.25
Cleanout			
...in.	1	1	2
A+Bin.	7 7/16	8 3/8	10 3/8
C...in.	1 1/16	2 5/8	3 1/2
D...in.	7	9 3/8	11 1/2
E...in.	1/4	1/4	1/4

**711 Bath Basin and Sink Traps****No. 265 Basin  
and Sink Traps**

Size in.	1 1/2	2	3
Cleanout			
...in.	1	1	1 1/4
A...in.	4 3/4	5 1/2	7 1/8
B...in.	4 13/16	5 5/16	8 5/8
C...in.	4 13/16	5 5/16	7 1/16
D...in.	1/4	1/4	3/16

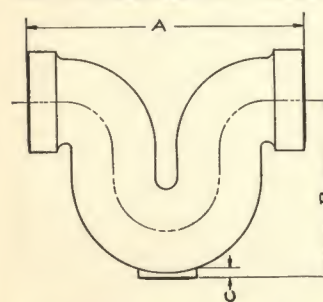
Made with or without cleanout.

Prices on application.

**No. 266 Bath Traps  
with Low Inlet**

Size in.	1 1/2	2
Cleanout...in.	1	1
A...in.	5 1/8	5 7/8
B...in.	4	4 1/16
C...in.	4 3/4	5 1/16

Prices on application.

**No. 267 Running Traps  
for Bath Waste**

Size in.	1 1/2	2
Cleanout...in.	1	1
A...in.	6 3/4	7 3/8
B...in.	4 1/2	5 5/16
C...in.	3/8	1/4

Made with or without cleanout.

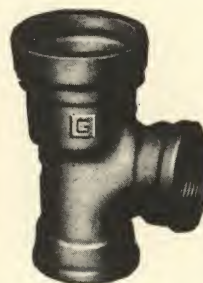
Prices on application.

NOTE.—Bushings or nuts, 1 1/2x1 3/8, 1 1/2x1 1/4, 2x1 1/4 and 2x1 1/2 furnished only when ordered with 711 traps.

In ordering, specify whether black uncoated, black tar-coated or galvanized fittings are desired.

**Kennedy Malleable Iron Bell and Screw  
Drainage Couplings****Vent Fitting**

[No.]	Galv. Each	Black Each	Size Screwed End Inches	Size Bell End Inches
510	\$1.00	\$0.85	1 1/4	1 1/4
511	1.20	1.00	1 1/2	1 1/2
512	1.30	1.10	1 1/2	2
513	1.40	1.20	2	2
514	3.45	2.85	3	3
515	5.60	4.80	4	4
516	9.80	8.50	5	5

**Square Gee Malleable Iron Drainage  
Fittings****Drainage TYs**

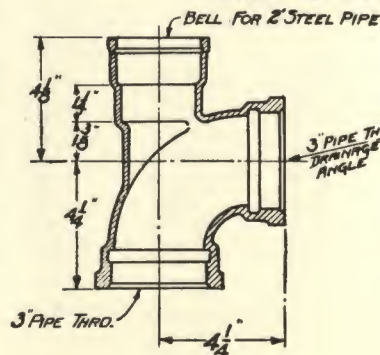
No.	Galva-nized EACH	Black EACH	Size Inches
400	\$1.35	\$1.15	1 1/4x1 1/4x1 1/4
401	1.55	1.25	1 1/2x1 1/2x1 1/4
402	1.55	1.25	1 1/2x1 1/2x1 1/2
403	2.50	2.12	2 x1 1/2x2
404	2.50	2.12	2 x2 x1 1/2
405	2.50	2.12	2 x2 x2

**Drainage Double TYs**

No.	Galva-nized	Black	Size Inches
411	\$2.50	\$2.15	1 1/2x1 1/2x1 1/2
412	3.12	2.65	2 x1 1/2x2
413	3.12	2.65	2 x2 x2
414	3.12	2.65	2 x2 x1 1/2
415	3.12	2.65	2 x1 1/2x1 1/2

**Drainage Elbows**

No.	Galva-nized EACH	Black EACH	Size Inches
421	\$1.50	\$1.20	2
431	1.25	1.00	1 1/2

**No. 520 Kennedy Malleable Iron Long  
Drainage Elbows  
With Heel Outlet**

Especially adapted for use where slop sinks are installed.

Size, 3x2x3 inches.

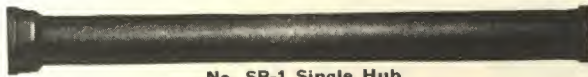
No. 520, Galv. ....each \$6.40

No. 520, Black ....each 5.40

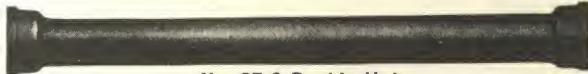


## Cast Iron Soil Pipe

## 5-Foot Lengths



No. SP-1 Single Hub



No. SP-2 Double Hub

Size Inches	No. SP-1 SINGLE HUB			No. SP-2 DOUBLE HUB		
	Standard Per Foot	Medium Per Foot	Extra Heavy Per Foot	Standard Per Foot	Medium Per Foot	Extra Heavy Per Foot
2	\$ .30	\$ .35	\$ .42	\$ .32	\$ .38	\$ .45
3	.38	.46	.66	.41	.50	.70
4	.46	.60	.80	.50	.65	.86
5	.66	.88	1.10	.72	.92	1.16
6	.80	1.08	1.36	.88	1.16	1.46
8	1.50	1.80	2.00	1.70	2.00	2.28
10	2.50	3.00	3.60	2.70	3.20	4.00
12	3.60	4.00	5.00	4.00	4.40	5.60
15	5.60	6.40	8.00	6.20	7.00	8.80

1½-inch pipe and fittings take same lists as 2-inch.

## Approximate Weight of Soil Pipe per Foot

Size...inches	2	3	4	5	6	8	10	12	15
Standard lbs.	3.6	5.2	7	9	11	17	23	33	45
Medium lbs.	4	6	9	12	15	25	35	45	60
Ex. Hvy. S.H.									
.....lbs.	5	9	12	15	19	30	43	54	75
Ex. Hvy. D.H.									
.....lbs.	5.2	9.4	12.6	15.6	20	31.4	45	57	79

## Approximate Weight of Soil Pipe Fittings

Size...inches	Standard											
	2	3	4	5	6	8	10	12	15	18	24	30
Quarter Bend...pounds	4½	7	10½	13	16½	33	54	58½				
Sixth Bend...pounds	4	6½	9	11½	14	30	30	48				
Eighth Bend...pounds	3½	6	8	10½	13	24	38	42½				
T Branch...pounds	7	11	14½	18½	23	33	42	102				
San. T Branch...pounds	7½	12	16	20	24	49	100					
Cross...pounds	9½	14	19	23½	28½	40	70	100				
Sanitary Cross...pounds	10½	15½	20½	25½	31½	52						
Y Branch...pounds	7½	12	17	22	28	58	106	158				
Half Y Branch...pounds	7	11	15	19	24							
Double Y Branch...pounds	10½	16	22½	30	36½	77	121					
Double Hub...pounds	4	5½	7½	9	10½	16	21	35				
S Trap...pounds	8½	14	21	28½	37½	94						
P Trap...pounds	7	12	17½	24½	31½	80						
Rung Trap...pounds	8½	13½	19½	26	34	54						
Reducer...pounds	...	4½	6	7½	9	8	21½	28				

## Extra Heavy

Size...inches	2	3	4	5	6	8	10	12
Quarter Bend...pounds	6½	10½	15	19	23½	52	80	95
Sixth Bend...pounds	6	9½	13	16½	20	44	50	90
Eighth Bend...pounds	5½	8½	12½	15½	18½	40	56	80
T Branch...pounds	10½	15½	21	26½	32½	60	75	166
San. T Branch...pounds	11	16½	22½	28	34½	80	135	210
Cross...pounds	13½	19½	27	33½	40½	92	116	176
Sanitary Cross...pounds	14½	22	29½	36½	44½	79	161	
Y Branch...pounds	11	17	24	31½	39½	91	136	218
Half Y Branch...pounds	10½	15½	21½	27½	34	90		
Double Y Branch...pounds	14½	23	32	41½	52	100	153	266
Double Hub...pounds	5½	8½	10½	12½	14½	30	35	45
S Trap...pounds	12	20	30	40½	53½	123		
P Trap...pounds	10½	17½	25½	34½	45	100		
Rung Trap...pounds	11½	19	27½	37	48	110		
Reducer...pounds	...	6½	8½	10½	12½	15	28½	48

To determine the right or left-hand inlet or outlet in bends, branches and offsets, place them with the hub facing toward you and with spigot lower than hub. On traps, place in regular position with the hub end nearest you.

Long quarter bends are measured from the inside of hub nearest spigot to end of spigot. Other bends are measured from end of spigot to nearest point on inside base of hub. Long T's, Y's, etc., are measured from the base of the hub on main to the end of spigot.

## Quarter Bends



No. SP-3

Size Inches	Std.	Each Ex. Hy.	Size Inches	Std.	Each Ex. Hy.
2	\$ .40	\$ .55	8	\$ 4.00	\$ 5.00
3	.55	.70	10	5.90	6.50
4	.80	1.00	12	8.65	10.80
5	1.05	1.25	15	16.80	21.00
6	1.45	1.85	..	.....	.....

## Eighth Bends

Size Inches	Std. Each	Ex. Hy. Each	Size Inches	Std. Each	Ex. Hy. Each
2	\$ .35	\$ .40	8	\$ 4.00	\$ 5.00
3	.45	.55	10	5.90	6.50
4	.65	.80	12	8.65	10.80
5	.80	1.00	15	16.80	21.00
6	1.05	1.25	..	.....	.....



No. SP-6

## Fifth Bends

Size Inches	Std. Each	Ex. Hy. Each	Size Inches	Std. Each	Ex. Hy. Each
2	\$ .45	\$ .60	8	\$ 4.00	\$ 5.00
3	.80	1.00	10	5.90	6.50
4	.80	1.00	12	8.65	10.80
5	1.05	1.25	15	16.80	21.00
6	1.30	1.55	..	.....	.....



No. SP-4

## Sixth Bends



No. SP-5

Size Inches	Std.	Each Ex. Hy.	Size Inches	Std.	Each Ex. Hy.
2	\$ .40	\$ .45	8	\$ 4.00	\$ 5.00
3	.60	.75	10	5.90	6.50
4	.75	.90	12	8.65	10.80
5	1.05	1.25	15	16.80	21.00
6	1.30	1.55	..	.....	.....

## Sixteenth Bends



No. SP-7

Size Inches	Std.	Each Ex. Hy.	Size Inches	Std.	Each Ex. Hy.
2	\$ .35	\$ .40	8	\$ 4.00	\$ 5.00
3	.50	.70	10	5.90	6.50
4	.60	.75	12	8.65	10.80
5	.80	1.00	15	16.80	21.00
6	1.00	1.25	..	.....	.....

## Quarter Bends With Inlet

No. SP-11  
With R. H. or  
L. H. Side InletNo. SP-12  
With Low  
Heel InletNo. SP-13  
With High  
Heel Inlet

Size In.	Size Inlet In.	EACH		Size Inches	Size Inlet Inches	EACH	
		Std.	Ex. Hy.			Std.	Ex. Hy.
2	2	\$ 1.25	\$ 1.55	5	2	\$ 3.70	\$ 4.60
3	2	1.25	1.55	5	3	3.70	4.60
3	3	1.25	1.55	5	4	3.70	4.60
4	2	1.25	1.55	6	2	4.30	5.40
4	3	3.10	3.85	6	3	4.30	5.40
4	4	3.10	3.85	6	4	4.30	5.40

## Double Quarter Bends

Size Inches	PRICE, EACH	
	Standard	Extra Heavy
2x2	\$ 1.50	\$ 1.85
3x2	2.45	3.05
3x3	2.55	3.20
4x2	2.80	3.45
4x3	2.80	3.45
4x4	2.80	3.45



No. SP-40





# BRIDGE

## PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK

### Short Sweep Quarter Bends



No. SP-28

Size In.	PRICE, EACH		Size In.	PRICE, EACH	
	Std.	Extra Heavy		Std.	Extra Heavy
2	\$ .60	\$ .75	6	\$2.50	\$3.10
3	.90	1.10	8	4.80	6.00
4	1.15	1.40	10	6.80	8.50
5	1.55	1.85	..	....	....

### Long Sweep Quarter Bends



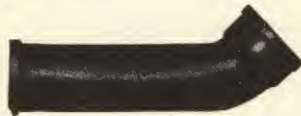
No. SP-27

Size In.	PRICE, EACH		Size In.	PRICE, EACH	
	Std.	Extra Heavy		Std.	Extra Heavy
2	\$ .75	\$ .90	8	\$6.00	\$7.50
3	.95	1.15	10	8.00	10.00
4	1.25	1.55	12	14.50	18.00
5	1.70	2.00	15	28.00	35.00
6	2.75	3.40	..	....	....

### Long Bends



No. SP-14  
Long Quarter Bends



No. SP-15  
Long Eighth Bends



No. SP-16  
Long Sixth Bends

Size In.	Length in Clear Inches	PRICE, EACH		Size In.	Length in Clear Inches	PRICE, EACH	
		Standard	Extra Heavy			Standard	Extra Heavy
2	12	\$ .90	\$1.10	4	36	\$4.90	\$6.15
2	18	1.05	1.30	5	12	3.70	4.60
2	24	1.50	1.85	5	18	4.30	5.40
2	30	2.25	2.75	5	24	4.90	6.15
3	12	1.50	1.85	5	36	5.25	6.55
3	18	1.85	2.30	6	12	4.30	5.40
3	24	2.25	2.75	6	18	5.00	6.15
4	12	1.25	1.55	6	24	5.50	6.90
4	18	1.50	1.85	6	30	6.50	8.10
4	24	2.75	3.40	6	36	7.40	9.20
4	30	3.85	4.80	8	18	7.50	10.00

### T Branches Plain



No. SP-52

Size In.	PRICE, EACH		Size In.	PRICE, EACH		Size In.	PRICE, EACH	
	Std.	Extra Heavy		Std.	Extra Heavy		Std.	Extra Heavy
2x2	\$ .55	\$ .75	5x3	\$1.50	\$1.85	6x6	\$2.40	\$3.00
3x2	.85	1.05	5x4	1.60	2.00	8	6.00	9.00
3x3	.85	1.10	5x5	2.00	2.50	10	10.80	15.10
4x2	.85	1.10	6x2	1.80	2.15	12	15.10	19.40
4x3	1.15	1.45	6x3	1.80	2.15	15	33.60	42.00
4x4	1.20	1.50	6x4	1.80	2.15	..	....	....
5x2	1.20	1.45	6x5	2.00	2.45	..	....	....

### T Branches

With Right-hand Side Inlet

Add Extra to Above List



No. SP-53

Size In.	Right or Left Inlets	PRICE, EACH		Size In.	Right or Left Inlets	PRICE, EACH	
		Std.	Extra Heavy			Std.	Extra Heavy
2	Right	\$1.00	\$1.50	5	Right	\$2.00	\$3.00
3	Left	1.25	2.00	6	Left	2.50	3.50
4	Only	1.50	2.50	..	....	....	....

When ordering specify whether wanted with right or left-hand side inlet.

### Sanitary T Branches



No. SP-59

Size In.	EACH		Size In.	EACH	
	Stand-ard	Extra Heavy		Stand-ard	Extra Heavy
2x2	\$ .55	\$ .75	5x5	\$2.00	\$2.50
3x2	.85	1.05	6x2	1.80	2.15
3x3	.85	1.10	6x3	1.80	2.15
3x4	1.70	2.15	6x4	1.80	2.15
4x2	.85	1.10	6x5	2.00	2.45
4x3	1.15	1.45	6x6	2.40	3.00
4x4	1.20	1.50	8	6.00	9.00
5x2	1.20	1.45	10	10.80	15.10
5x3	1.50	1.85	12	15.10	19.40
5x4	1.60	2.00	15	33.60	42.00

### Sanitary T Branches

With Right-Hand Side Inlet

Add Extra to Above List

Size Inlets In.	Right or Left Inlets	PRICE, EACH		Size Inlets In.	Right or Left Inlets	PRICE, EACH	
		Std.	Extra Heavy			Std.	Extra Heavy
2	Right	\$1.00	\$1.50	5	Right	\$2.00	\$3.00
3	Left	1.25	2.00	6	Left	2.50	3.50
4	Only	1.50	2.50	..	....	....	....



No. SP-60

When ordering specify whether wanted with right or left-hand side inlet.

### Tapped T Branches

Tapped 1 1/4, 1 1/2 or 2 Inches

Regular Pattern



SP-54

Size Inches	PRICE, EACH		Size Inches	PRICE, EACH	
	Standard	Extra Heavy		Standard	Extra Heavy
2	\$ .70	\$ .85	5	\$1.60	\$2.00
3	.85	1.10	6	2.50	3.10
4	1.00	1.25	..	....	....

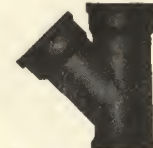
### Tapped Sanitary T Branches



No. SP-62

Size Inches	Thread Inches	EACH	
		Standard	Extra Heavy
2	1 1/4, 1 1/2, 2	\$ .75	\$ .90
3	1 1/4, 1 1/2, 2	.95	1.20
4	1 1/4, 1 1/2, 2	1.25	1.55
5	1 1/4, 1 1/2, 2	1.85	2.30
6	1 1/4, 1 1/2, 2	2.95	3.70

### Y and Half Y Branches



No. SP-73 Y Branch



No. SP-74 Half Y

Size In.	PRICE, EACH		Size In.	PRICE, EACH		Size In.	PRICE, EACH	
	Std.	Extra Heavy		Std.	Extra Heavy		Std.	Extra Heavy
2x2	\$ .55	\$ .75	5x3	\$1.50	\$1.85	6x6	\$2.40	\$3.00
3x2	.85	1.05	5x4	1.60	2.00	8	6.00	9.00
3x3	.85	1.10	5x5	2.00	2.50	10	10.80	15.10
4x2	.85	1.10	6x2	1.80	2.15	12	15.10	19.40
4x3	1.15	1.45	6x3	1.80	2.15	15	33.60	42.00
4x4	1.20	1.50	6x4	1.80	2.15	..	....	....
5x2	1.20	1.45	6x5	2.00	2.45	..	....	....

### With Side Inlet

Add Extra to Above List



Y Branch  
No. SP-75

Size Inlet Inches	Right or Left Inlet Only	PRICE, EACH	
		Std.	Extra Heavy
2	Right	\$1.00	\$1.50
3	Left	1.25	2.00
4	Only	1.50	2.50
5	Only	2.00	3.00
6	Only	2.50	3.50



Half Y Branch  
No. SP-76



### Inverted Y Branches

Size In.	PRICE, EACH		Size In.	PRICE, EACH	
	Std.	Ex. Heavy		Std.	Ex. Heavy
2x2	\$1.00	\$1.25	5x4	\$3.10	\$3.85
3x2	1.40	1.85	5x5	3.40	4.60
3x3	1.40	1.85	6x2	3.70	4.60
4x2	1.70	2.15	6x3	3.70	4.60
4x3	1.70	2.15	6x4	4.95	6.15
4x4	1.70	2.15	6x5	4.95	6.15
5x2	2.45	3.05	6x6	4.95	6.15



No. SP-77

### Combination Y and Eighth Bends



No. SP-101

Size In.	PRICE, EACH		Size In.	PRICE, EACH		Size In.	PRICE, EACH	
	Std.	Extra Heavy		Std.	Extra Heavy		Std.	Extra Heavy
2x2	\$1.05	\$1.30	4x4	\$1.70	\$2.15	6x2	\$5.55	\$6.90
3x2	1.70	2.15	5x2	3.70	4.60	6x3	5.55	6.90
3x3	1.70	2.15	5x3	3.70	4.60	6x4	5.55	6.90
4x2	1.70	2.15	5x4	3.70	4.60	6x5	5.55	6.90
4x3	1.70	2.15	5x5	3.70	4.60	6x6	5.55	6.90

### Double Combination Y and Eighth Bends



No. S. P. 109

Size Inches	PRICE, EACH		Size Inches	PRICE, EACH	
	Std.	Ex. Hy.		Std.	Ex. Hy.
3x2	\$2.80	\$3.50	5x5	\$5.50	\$6.90
4x4	3.30	4.10	6x4	8.30	10.35
5x4	5.50	6.90	...	...	...

### Double Y Branches



No. SP-90

Size In.	PRICE, EACH		Size Inches	PRICE, EACH	
	Std.	Extra Heavy		Std.	Extra Heavy
2x2	\$1.25	\$1.55	5x 5	\$4.95	\$6.15
3x2	1.65	2.00	6x 2	6.15	7.70
3x3	1.65	2.00	6x 3	6.15	7.70
4x2	1.80	2.15	6x 4	6.15	7.70
4x3	1.80	2.15	6x 5	6.15	7.70
4x4	1.80	2.15	6x 6	6.15	7.70
5x2	4.95	6.15	8x 8	9.00	13.50
5x3	4.95	6.15	10x10	16.20	22.65
5x4	4.95	6.15	12x10	22.70	29.15

### Tapped Crosses For Iron Pipe



No. SP-123

Size Inches	Standard Each	Extra Heavy Each	Thread Inches
2	\$1.15	\$1.40	1 1/4, 1 1/2, 2
3	1.25	1.55	1 1/4, 1 1/2, 2
4	1.40	1.70	1 1/4, 1 1/2, 2
5	2.25	2.80	1 1/4, 1 1/2, 2
6	3.45	4.30	1 1/4, 1 1/2, 2

### Crosses

#### Plain



No. SP-119

Size In.	PRICE, EACH		Size In.	PRICE, EACH	
	Std.	Extra Heavy		Std.	Extra Heavy
2x2	\$1.25	\$1.55	5x5	\$4.95	\$6.15
3x2	1.65	2.00	6x2	6.15	7.70
3x3	1.65	2.00	6x3	6.15	7.70
4x2	1.80	2.15	6x4	6.15	7.70
4x3	1.80	2.15	6x5	6.15	7.70
4x4	1.80	2.15	6x6	6.15	7.70
5x2	4.95	6.15	8	9.00	13.50
5x3	4.95	6.15	10	16.20	22.65
5x4	4.95	6.15	12x10	22.70	29.15

### Crosses

#### With Side Inlet

Add Extra to Above List



No. SP-120

Size Inlet In.	Price Each Inlet Only	Size Inlet In.	Price Each Inlet Only
2	\$1.00	5	\$2.00
3	1.25	6	2.50
4	1.50	...	...

### Sanitary Crosses



No. SP-124

Size In.	PRICE, EACH		Size In.	PRICE, EACH	
	Std.	Ex. Hy.		Std.	Ex. Hy.
2x2	\$1.25	\$1.55	5x 5	\$4.95	\$6.15
3x2	1.65	2.00	6x 2	6.15	7.70
3x3	1.65	2.00	6x 3	6.15	7.70
4x2	1.80	2.15	6x 4	6.15	7.70
4x3	1.80	2.15	6x 5	6.15	7.70
4x4	1.80	2.15	6x 6	6.15	7.70
5x2	4.95	6.15	8	9.00	13.50
5x3	4.95	6.15	10	16.20	22.65
5x4	4.95	6.15	12x10	22.70	29.15

### Sanitary Crosses

#### With Side Inlet

Add Extra to Above List



No. SP-125

Size Inlet In.	Inlets Each	Size Inlet In.	Inlets Each
2	\$1.00	5	\$2.00
3	1.25	6	2.50
4	1.50	...	...

### Plain Ventilating Branches

Size In.	PRICE, EACH		Size In.	PRICE, EACH	
	Std.	Ex. Hvy.		Std.	Ex. Hy.
2x2	\$0.90	\$1.10	5x4	\$4.35	\$5.40
3x2	1.15	1.40	5x5	4.35	5.40
3x3	1.15	1.40	6x2	6.15	7.70
4x2	1.15	1.40	6x3	6.15	7.70
4x3	1.40	1.85	6x4	6.15	7.70
4x4	1.40	1.85	6x5	6.15	7.70
5x2	4.35	5.40	6x6	6.15	7.70
5x3	4.35	5.40	...	...	...



No. SP-116

### Tapped Ventilating Branches



No. SP-117

Size Inches	Thread Inches	Price, Each Std.	Price, Each Ex. Hvy.
2	1 1/4, 1 1/2, 2	\$1.40	\$1.70
3	1 1/4, 1 1/2, 2	2.00	2.45
4	1 1/4, 1 1/2, 2	2.20	2.75
5	1 1/4, 1 1/2, 2	2.80	3.50
6	1 1/4, 1 1/2, 2	3.40	4.25





# BRIDGE

# PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK

## Running Traps



No. SP-211  
With Hub Vent

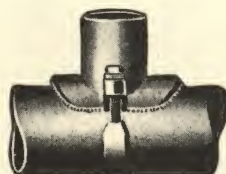
Size Inches	Std. Each	Ex. Hy. Each
2x2	\$1.20	\$1.50
3x2	1.35	1.70
3x3	1.35	1.70
4x2	2.20	2.75
4x3	2.20	2.75
4x4	2.20	2.75
5x2	4.55	5.70
5x3	4.55	5.70
5x4	4.55	5.70
5x5	4.55	5.70
6x2	5.25	6.50
6x3	5.25	6.50
6x4	5.25	6.50
6x5	5.25	6.50
6x6	5.25	6.50
8x4	12.00	15.00
8x6	12.00	15.00
8x8	15.00	18.00
10x4	21.60	27.00
10x6	21.60	27.00
10x8	21.60	27.00
12x6	32.00	40.00
12x8	32.00	40.00
15x6	75.00	90.00
15x8	75.00	90.00



No. SP-212  
With Double Hub Vent

Size Inches	Std. Each	Ex. Hy. Each
2x2	\$1.60	\$2.00
3x2	1.80	2.25
3x3	1.80	2.25
4x2	2.60	3.25
4x3	2.60	3.25
4x4	2.60	3.25
5x2	4.80	6.00
5x3	4.80	6.00
5x4	4.80	6.00
5x5	4.80	6.00
6x2	5.60	7.00
6x3	5.60	7.00
6x4	5.60	7.00
6x5	5.60	7.00
6x6	5.60	7.00
8x4	13.60	17.00
8x6	13.60	17.00
8x8	17.00	20.00
10x4	24.00	30.00
10x6	24.00	30.00
10x8	24.00	30.00
12x6	35.00	43.00
12x8	35.00	43.00
15x6	85.00	100.00
15x8	85.00	100.00

## Connolly T Saddle Hubs



No. SP 177

Size In.	Std. Each	Ex. Hy. Each	Size In.	Std. Each	Ex. Hy. Each	Size In.	Std. Each	Ex. Hy. Each
2x2	\$.75	\$.95	4x4	\$.90	\$1.10	6x2	\$1.00	\$1.25
3x2	.80	1.00	5x2	.90	1.10	6x3	1.00	1.25
3x3	.80	1.00	5x3	.95	1.15	6x4	1.00	1.25
4x2	.80	1.00	5x4	1.00	1.25	6x5	1.05	1.30
4x3	.90	1.10	5x5	1.00	1.25	6x6	1.15	1.40

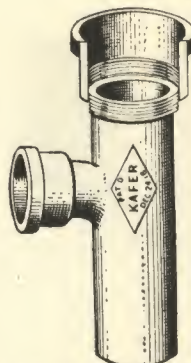
## Connolly Y Saddle Hubs



No. SP 178

Size In.	Std. Each	Ex. Hy. Each	Size In.	Std. Each	Ex. Hy. Each	Size In.	Std. Each	Ex. Hy. Each
2x2	\$.80	\$1.00	4x4	\$.95	\$1.15	6x2	\$1.15	\$1.40
3x2	.90	1.10	5x2	.95	1.15	6x3	1.15	1.40
3x3	.90	1.10	5x3	1.00	1.25	6x4	1.15	1.40
4x2	.90	1.10	5x4	1.05	1.30	6x5	1.25	1.55
4x3	.95	1.15	5x5	1.05	1.30	6x6	1.25	1.55

## Kafer Insertable Soil Fittings

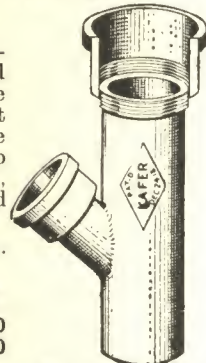


No. 167A Sanitary T

The Kafer method is practical and simple, unscrew the hub, insert the joint in the line, slip the hub over the top piece of soil pipe, screw down and caulk.

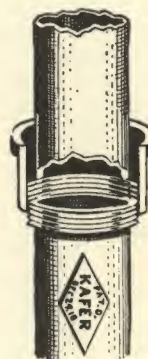
Size hub, 4 inches.

No.	Size Outlet In.	Price Each
167A	2	\$3.00
167B	4	3.40



No. 167B Sanitary Y

## No. 167 Kafer Insertable Joints



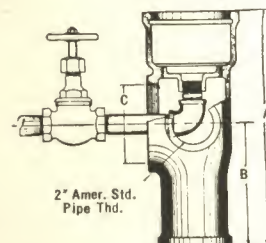
Stops wedging and forcing the soil line. Simply unscrew the bell, slip the joint in the line, slip the bell over the top piece of soil pipe, screw down and caulk.

Makes an absolutely tight connection.

2-inch Size.....	each	\$2.10
3-inch Size.....	each	2.30
4-inch Size.....	each	2.70
5-inch Size.....	each	3.20
6-inch Size.....	each	3.90
8-inch Size.....	each	15.00

## Grabler Square G Test Tees

Bell and Spigot Type



2" Amer. Std.  
Pipe Thd.

Made for risers and drains and when used as a drain can also serve as a fresh air tee, as well as a test tee. By the use of these tees work can be tested in sections without interfering with the progress of building construction. Can also be used for sanitary cleanouts after testing.

No special tools are required to connect up.

No.	Black Each	Galvan- ized Each	Size Pipe Inches	DIMENSIONS, INCHES		
				A	B	C Amer. Std. Pipe Thd.
471	\$12.00	\$13.75	3	12 1/2	6 3/16	4
472	15.50	18.25	4	12 1/2	6 3/16	4
473	20.15	23.25	5	13 3/8	7 1/8	5

## No. 38 Asco Test Tees

Made in standard or extra heavy weight at same price. Any size will admit test plug.

2-Inch.....	each	\$2.00
3-Inch.....	each	2.50
4-Inch.....	each	3.10
5-Inch.....	each	7.00
6-Inch.....	each	10.00





## Single Hub Return Bends

Size Inches	PRICE, EACH	
	Standard	Extra Heavy
2	\$1.25	\$1.55
3	1.50	1.85
4	1.70	2.00
5	2.45	3.05
6	3.10	3.85
8	7.00	7.75



No. SP-41

Cast Iron Soil Pipe Fittings  
Cleanout TeesNo. SP-242  
Trap Screw on MainNo. SP-243  
Trap Screw on Branch

Size Inches	EACH	
	Std.	Ex. Hy.
2	\$1.50	\$1.85
3	1.95	2.45
4	2.45	3.05
5	4.30	5.40
6	4.90	6.15

Size Inches	EACH	
	Std.	Ex. Hy.
2	\$1.50	\$1.85
3	1.70	2.15
4	1.70	2.15
5	3.25	4.00
6	3.70	4.60

## Cleanout Y's

No. SP-244  
Trap Screw on MainNo. SP-245  
Trap Screw on Branch

Size Inches	EACH	
	Std.	Ex. Hy.
2	\$1.50	\$1.85
3	1.95	2.45
4	2.45	3.05
5	4.30	5.40
6	4.95	6.15

Size Inches	EACH	
	Std.	Ex. Hy.
2	\$1.50	\$1.85
3	1.95	2.45
4	2.45	3.05
5	4.30	5.40
6	4.95	6.15

Combination Y and  
Eighth Bend

## Trap Screw on Main



No. SP-246

Size Inches	EACH	
	Std.	Ex. Hy.
2	\$1.85	\$2.30
3	2.45	3.05
4	3.10	3.85
5	4.95	6.15
6	6.15	7.70



## Sisson Insertable Joints

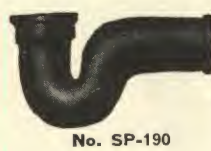
## No. SP253

Size Inches	EACH	
	Std.	Ex. Hy.
2	\$1.40	\$1.50
3	1.50	1.70
4	1.80	2.00
5	2.10	2.30
6	2.60	2.80
8	9.00	10.00

With this joint a satisfactory connection can be made when a leak is discovered in a pipe or fitting already connected; or if a new fixture is to be connected with a line of pipes already in.

To install, cut out of soil pipe the length of fitting required to insert plus 11½ inches for this joint. Slip the lead ring over the pipe above and push the joint up as far as possible and drop this joint down. The lead ring will drop into joint and rest upon shoulders. Insert packing.

## Plain P Traps



No. SP-190

Size Inches	Standard Each		Extra Heavy Each	
	Std.	Ex. Hy.	Std.	Ex. Hy.
2	\$0.90	\$1.10	\$1.10	\$1.40
3	1.15	1.40	1.40	1.85
4	1.50	1.85	1.85	2.40
5	4.30	5.40	5.40	6.15
6	4.95	6.15	6.15	7.70
8	10.00	13.00	13.00	16.00

## Plain Three-quarter S Traps

Size In.	Std.	Ex. Hy.
2	\$0.90	\$1.10
3	1.15	1.40
4	1.50	1.85
5	4.30	5.40
6	4.95	6.15
8	10.00	13.00

## PRICE, EACH



No. SP-188

## Plain S Traps



No. SP 188

Size Inches	Standard Each		Extra Heavy Each	
	Std.	Ex. Hy.	Std.	Ex. Hy.
2	\$0.90	\$1.10	\$1.10	\$1.40
3	1.15	1.40	1.40	1.85
4	1.50	1.85	1.85	2.40
5	4.30	5.40	5.40	6.15
6	4.95	6.15	6.15	7.70
8	10.00	13.00	13.00	16.00

## Plain Running Traps



No. SP 209

Size In.	Standard Each		Ex. Hy. Each	
	Std.	Ex. Hy.	Std.	Ex. Hy.
2	\$0.90	\$1.10	\$1.10	\$1.40
3	1.15	1.40	1.40	1.85
4	1.50	1.85	1.85	2.40
5	4.30	5.40	5.40	6.15
6	4.95	6.15	6.15	7.70
8	10.00	13.00	13.00	16.00

## Traps with Top Vent



No. SP-191 S Trap



No. SP-193 P Trap

Size Inches	EACH		Size Inches	EACH	
	Std.	Ex. Hy.		Std.	Ex. Hy.
2x2	\$1.20	\$1.50	5x4	\$4.55	\$5.70
3x2	1.35	1.70	5x5	4.55	5.70
3x3	1.35	1.70	6x2	5.25	6.50
4x2	2.20	2.75	6x3	5.25	6.50
4x3	2.20	2.75	6x4	5.25	6.50
4x4	2.20	2.75	6x5	5.25	6.50
5x2	4.55	5.70	6x6	5.25	6.50
5x3	4.55	5.70	...	...	...

## Improved Running Traps—Single Cleanout



No. SP-216

Size In.	Standard Each		Ext. Hvy. Each	
	Std.	Ex. Hy.	Std.	Ex. Hy.
2	\$1.70	\$2.10	\$2.10	\$2.60
3	2.50	3.10	3.10	3.85
4	3.45	4.30	4.30	5.25
5	5.40	6.75	6.75	8.25
6	6.20	7.75	7.75	9.25

## Improved Running Traps—Double Cleanout



No. SP-217

Size In.	Standard Each		Ext. Hvy. Each	
	Std.	Ex. Hy.	Std.	Ex. Hy.
2	\$2.40	\$3.00	\$3.00	\$3.85
3	3.20	4.00	4.00	5.25
4	3.90	4.90	4.90	6.15
5	6.60	8.25	8.25	10.00
6	7.40	9.25	9.25	11.00
8	20.00	25.00	25.00	30.00





### Offsets



Regular Offset  
No. SP-133



Eighth Bend Offset  
No. SP-139

Size In.	Offset In.	Std. Each	Ex. Hy. Each	Size In.	Offset In.	Std. Each	Ex. Hy. Each	Size In.	Offset In.	Std. Each	Ex. Hy. Each
2	2	\$ .60	\$ .75	3	22	\$3.10	\$3.85	5	18	\$6.10	\$7.60
2	4	.60	.75	3	24	3.70	4.60	5	20	6.35	7.95
2	6	.75	.90	4	2	1.00	1.25	5	22	6.70	8.35
2	8	.75	.90	4	4	1.00	1.25	5	24	6.90	8.65
2	10	1.00	1.25	4	6	1.10	1.40	6	2	3.15	3.95
2	12	1.15	1.40	4	8	1.25	1.55	6	4	3.45	4.30
2	14	1.25	1.55	4	10	1.50	1.85	6	6	3.45	4.30
2	16	1.35	1.70	4	12	1.60	2.00	6	8	3.80	4.75
2	18	1.70	2.15	4	14	1.90	2.45	6	10	4.50	5.60
2	20	2.00	2.50	4	16	2.00	3.40	6	12	5.10	6.35
2	22	2.20	2.75	4	18	2.30	3.55	6	14	6.40	8.00
2	24	2.45	3.05	4	20	2.60	4.30	6	16	6.90	8.60
3	2	.95	1.15	4	22	3.10	4.60	6	18	7.25	9.05
3	4	1.00	1.25	4	24	3.70	5.05	6	20	7.65	9.55
3	6	1.10	1.40	5	2	2.50	3.15	6	22	8.10	10.15
3	8	1.25	1.55	5	4	2.50	3.15	6	24	8.50	10.60
3	10	1.50	1.85	5	6	2.85	3.55	6	26	8.45	10.55
3	12	1.60	2.00	5	8	3.15	3.95	8	4	8.00	11.00
3	14	1.90	2.30	5	10	3.35	4.20	8	6	9.60	12.00
3	16	2.10	2.60	5	12	3.70	4.65	8	8	10.40	13.00
3	18	2.30	2.90	5	14	5.25	6.55				
3	20	2.75	3.40	5	16	5.50	6.90				

For odd lengths use next highest list.

### Increases

Hub end to govern price.



No. SP-166

Size In.	Std. Each	Extra Heavy Each	Size In.	Std. Each	Extra Heavy Each
2x3	\$ .90	\$1.10	5x10	\$6.40	\$8.00
2x4	1.25	1.55	6x10	6.40	8.00
3x4	1.25	1.55	8x10	6.40	8.00
2x5	1.60	2.00	4x12	9.20	11.50
3x5	1.60	2.00	5x12	9.20	11.50
4x5	1.60	2.00	6x12	9.20	11.50
2x6	1.85	2.30	8x12	9.20	11.50
3x6	1.85	2.30	10x12	9.20	11.50
4x6	1.85	2.30	4x15	16.00	20.00
5x6	1.85	2.30	5x15	16.00	20.00
4x8	4.00	5.00	6x15	16.00	20.00
5x8	4.00	5.00	8x15	16.00	20.00
6x8	4.00	5.00	10x15	16.00	20.00
4x10	6.40	8.00	12x15	16.00	20.00

### Tapped Increases



No. SP-167

Tapped Iron Pipe Inches	Hub Inlet Inches	Std. Each	Extra Heavy Each
1 1/4 or 1 1/2	2	\$ .75	\$ .90
1 1/4, 1 1/2 or 2	3	1.40	1.70
1 1/4, 1 1/2 or 2	4	1.50	1.85
1 1/4, 1 1/2 or 2	5	2.10	2.45
1 1/4, 1 1/2 or 2	6	2.40	3.00
2 1/2 or 3	4	1.85	2.20
2 1/2 or 3	5	2.45	2.80
2 1/2 or 3	6	2.75	3.35
3 1/2 or 4	5	2.85	3.20
3 1/2 or 4	6	3.15	3.75
5	6	3.60	4.20

### Single Hubs

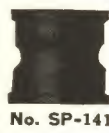


No. SP-140

Size In.	Stand-ard Each	Extra Heavy Each	Size Inches	Stand-ard Each	Extra Heavy Each
2	\$ .50	\$ .60	6	\$1.85	\$2.45
3	.65	.90	8	2.50	3.50
4	.70	.90	10	3.90	4.85
5	1.25	1.55			

### Double Hubs

Size In.	Stand-ard Each	Extra Heavy Each	Size Inches	Stand-ard Each	Extra Heavy Each
2	\$ .40	\$ .45	8	\$2.80	\$3.50
3	.50	.75	10	4.85	6.20
4	.60	.75	12	8.65	10.80
5	1.00	1.25	15	17.85	22.30
6	1.25	1.55			



No. SP-141

### Reducers



No. SP-142

Size In.	Std. Each	Extra Heavy Each	Size In.	Std. Each	Extra Heavy Each	Size In.	Std. Each	Extra Heavy Each
3x2	\$ .40	\$ .50	8x4	\$2.80	\$3.50	12x8	\$8.65	\$10.80
4x2	.40	.50	8x5	2.80	3.50	12x10	8.65	10.80
4x3	.50	.65	8x6	2.80	3.50	15x4	17.85	22.30
5x2	.60	.75	10x4	4.85	6.20	15x5	17.85	22.30
5x3	.60	.75	10x5	4.85	6.20	15x6	17.85	22.30
5x4	.60	.75	10x6	4.85	6.20	15x8	17.85	22.30
6x2	.80	1.00	10x8	4.85	6.20	15x10	17.85	22.30
6x3	.80	1.00	12x4	8.65	10.80	15x12	17.85	22.30
6x4	.80	1.00	12x5	8.65	10.80			
6x5	.80	1.00	12x6	8.65	10.80			

### Sleeves



No. SP-146

Size Inches	Stand-ard Each	Extra Heavy Each	Size Inches	Stand-ard Each	Extra Heavy Each
2	\$ .60	\$ .75	8	\$2.80	\$3.50
3	.75	.90	10	4.85	6.20
4	.75	.90	12	8.65	10.80
5	1.25	1.55	15	17.85	22.30
6	1.85	2.30			

### Plugs



No. SP-145

Size Inches	Price, Each Stand-ard	Price, Each Extra Heavy	Size Inches	Price, Each Stand-ard	Price, Each Extra Heavy
2	\$ .25	\$ .30	8	\$1.20	\$1.50
3	.40	.45	10	2.60	3.25
4	.45	.60	12	3.45	4.30
5	.60	.75	15	5.60	7.00
6	.75	.90			

### Vent Caps



No. SP-150 Plain

Size Inches	With Spigot Each	With Set Screw Each	Size Inches	With Spigot Each	With Set Screw Each
2	\$ .60	\$ .60			
3	.70	.65			
4	.90	.85			
5	1.85	1.25			
6	2.00	1.55			



No. SP-151 With Set Screw

### Bar Strainers



No. SP-186

Size In.	Each	Size In.	Each
2	\$ .10	2	\$ .20
3	.15	3	.25
4	.20	4	.30
5	.25	5	.35
6	.30	6	.40

### Soil Pipe Hooks



No. SP-187



## No. 65-B Iron Cesspools Bell Trap and Hinged Strainer



Can be furnished with long spigot for calking or tapped for iron pipe.

### Medium Weight

Size Inches	Outlet Inches	Each	Size Inches	Outlet Inches	Each
6x6	2	\$ .72	6x6	2	\$1.20
9x9	3 or 4	1.55	9x9	3 or 4	2.20
10x10	3 or 4	1.90	10x10	3 or 4	2.80
12x12	3 or 4	2.80	12x12	3 or 4	3.70
13x13	3 or 4	3.10	13x13	3 or 4	4.50

### Heavy Weight

## No. 65-BT Brass Top Cesspools



Made with iron body and polished brass top with hinged strainer.

Can be furnished tapped for iron pipe.

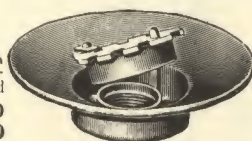
Size.....inches	6x6	9x9	12x12
Outlet.....inches	2	3 or 4	3 or 4
No. 65-BT.....each	\$4.00	\$7.00	\$12.00

Medium weight.

## Round Refrigerator Drains

### With Hinged Strainer

Diam. In.	Tapped In.	PRICE, EACH	
		Alum-inized	Galv-anized
8	1 1/4	\$1.20	\$1.60
8	1 1/2	1.20	1.60



## No. 226 Square Cesspool Plates



Size Inches	Each	Size Inches	Each
4	\$ .14	9	\$ .52
5	.16	10	.60
6	.20	11	.86
7	.38	12	.92
8	.40	..	...

## Handy Tap Repair Plugs

Invaluable for every plumber, engineer, steam fitter and all repair men generally. It makes and taps its own hole.

Size Thread, In.	Price per Doz.	Size Thread, In.	Price per Doz.
1/4	\$3.25	7/16	\$4.00
5/16	3.50	1/2	4.00
3/8	3.50	9/16	4.25



We recognize that most of our orders are for SPOT DELIVERY and that we must perform.

**LET US SHOW YOU WHAT WE CAN DO**

## No. 7 Bending Springs

Size, In.	Each
1 1/4	\$1.25
1 1/2	1.50
2	2.00

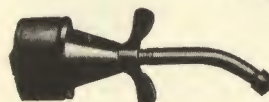
## No. 5 Bending Pins



No. 5.....each \$ .50

## No. 9 Climax Soil Pipe Test Plugs

### Wing Nut Type

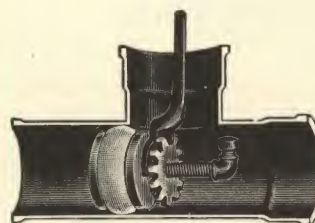


Makes perfect closure on standard or extra heavy soil pipe.

Size.....inches	2	3	4	5	6	8	10	12
No. 9.....each	\$1.40	1.80	2.50	2.90	3.40	5.90	10.00	21.50

## No. 11 Climax Test Plugs

### Ratchet Style



Size In.	Price Each	Extra Rubbers Price, Ea.
1 1/2	\$1.40	\$ .10
2	1.40	.14
3	1.80	.34
3 1/2	2.50	.60
4	2.50	.64
5	2.90	.95
5 1/2	3.40	1.05
6	3.40	1.10
7	4.70	1.66
8	5.90	2.91
9	8.00	3.94
10	10.00	5.03
12	21.50	7.21

Price, Wrenches for Ratchet Nut Plugs.....each \$ .30

## No. 43 Climax Y Branch Test Plugs



To insert this plug in the fitting, sustain the weight of plug while entering, keeping it well up against the top of the branch opening. It will then slip easily into position, and is removed in same manner.

Has threaded pipe connection for filling stack. Water will waste into sewer by relieving tension on lower plug rubber.

Size Inches	Price Each	Size Inches	Price Each
2	\$4.40	6	\$13.20
3	6.20	7	15.90
4	8.00	8	19.40
5	10.60	10	24.70

## Utility Drain Pipe Cleaners



Gun is pumped up to required pressure; then by pressing button, a 30-pound blow, or more, is released and strikes backed-up water (in blocked drain) in a sledge hammer effect. Blow is transmitted to blockage via water ram thus effecting its removal. Stoppage is removed instantly and completely without possible damage to traps, pipes or fittings.

Built of brass and steel, chrome-plated; will not rust or corrode. Length, 23 inches; diameter, 3 inches. Equipped with high pressure pump, 150 lbs. air gauge. Weight, 10 lbs. Cleaner, Incl. Expansion Plugs and Adaptors...each \$25.00





## Iron Body Trap Screw Ferrules

With Brass Plug



No. F-20  
Standard  
Taper Plug



No. F-30  
Extra Heavy  
Taper Plug



No. F-90  
N.Y. Regulation  
Taper Plug

These ferrules can be furnished with countersunk nut. They can also be furnished with brass body.

Size.....inches	2	3	4	5	6	8	10	12
No. F-20.....each								
No. F-30.....each								
No. F-90.....each								



## No. 125 Brass Ferrules

Size.....inches	2	3	4	5	6
No. 125, for Std. Pipe.....each					
No. 125, for Ex. Hvy. Pipe.....each					
No. 125, N. Y. Reg. for Ex. Hvy. Pipe.....each					

## No. 130 Standard and Extra Heavy Brass Bends

1/8 Bends



Size.....inches	2	3	4
No. 130, Std.....each			
No. 130, Ex. Hvy.....each			

1/4 Bends

Size.....inches	2	4
No. 130, Std.....each		
No. 130, Ex. Hvy.....each		

## No. 135 Y Ferrules

Size, 4 inches.			
Branches Tapped....in.	1 1/2 & 1 1/2	2 & 2	1 1/2 & 2
No. 135, Double Branch.....each			
No. 135, Single Branch.....each			

## No. 140 Tee-Y Ferrules

90 Degrees



Size, 4 inches.			
& 1 1/2	2 & 2	1 1/2 & 2	
No. 140, Double Branch...ea.			
No. 140, Single Branch...ea.			

## No. 145 Iron Caulking Sleeves (Tapped Spigots)

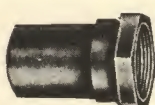


Spigot, 2 inches.			
Tapping.....inches	1 1/4	1 1/2	2
No. 145.....each			

## Soldering Nipples



No. 8700 Male



No. 8702 Female

Size Inches	Price, Each Male	Price, Each Female
3/8	\$.30	\$.30
1/2	.35	.35
3/4	.50	.50
1	.70	.70
1 1/4	.90	.90
1 1/2	1.25	1.25
2	1.75	1.75

## No. 297 Brass Solder Bushings With Female Iron Pipe Thread

I. P. Thread Inches	O. D. Tubing Inches	Price Each	I. P. Thread Inches	O. D. Tubing Inches	Price Each
1 1/4	1 1/4	\$.48	1 1/2	1 5/8	\$.64
1 1/4	1 3/8	.48	2	1 1/2	1.50
1 1/2	1 1/4	.72	2	1 5/8	1.50
1 1/2	1 3/8	.72	2	2	1.40
1 1/2	1 1/2	.64	...	...	...



## Fit-All Cleanout Plugs



Pat. No. Re. 18100

Sizes 1/2 to 1 1/4 inches for sink and basin traps. Sizes 2 to 6 inches for main, drain and leader traps; cleanout bodies; and refrigerator wastes.

Consists of cast iron core with a patented taper-threaded lead bushing.

Thread makes plug fit all cleanout bodies within a wide range. Special composition lead thread produces gas and water-tight fit.

To determine size, measure diameter of opening, and order a plug smaller at bottom and larger at top than opening.

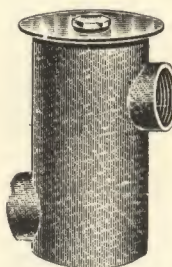
The 3, 3 1/2, and 4-inch sizes are packed 12 in a carton. Other sizes sold in broken lots.

Diam. at Large End...in.	3	3 1/2	4	4 1/2	5	5 1/2	6
Each.....	\$ .70	.80	.90	1.50	1.70	1.90	2.30

## Fit-All Junior Plugs—All White Metal

Diam. at Large End...in.	1/2	3/4	1	1 1/4	2	2 1/2
Each.....	\$.25	.25	.30	.40	.50	.60

## No. 490 Cast Iron Drum Traps



Cast iron drum trap with 2 tappings for 1 1/4, 1 1/2 or 2 inch iron pipe and nickel-plated flange brass cover, threaded for 3-inch iron pipe.

When roughing in an ordinary 3-inch pipe plug may be substituted during testing and the brass cover placed in position when work is completed.

Size.....inches	4x7 7/8	4x8 1/4	4x10
No. 490 Painted.....each	\$1.60	\$1.60	\$2.50
No. 490 Galvanized.....each	2.30	2.30	3.90

## No. 80 Cast Iron Sink Traps

With Brass Cleanout Screw Female Inlet and Outlet



Size Inches	Price, Each Plain	Price, Each Galvanized
1 1/4	\$.80	\$1.00
1 1/2	.90	1.15
2	1.20	1.50

## No. P-6982 Cast Iron Grease Traps



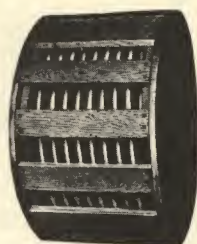
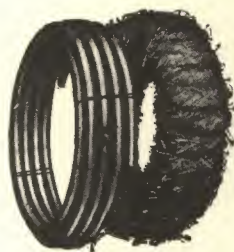
Cast iron grease trap with removable top with swivel bolts.

Diameter...inches 16 1/2  
Height...inches 13

No. P-6982, Painted All Over.....each		
No. P-6982, Enameled Inside.....each		
No. P-6982, Enameled All Over.....each		
Approximate Shipping Weight.....pounds	100	100



## Lead Pipe



On Reels

### Aqueduct

Classification: Eastern, E; Western, AQ.

Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Coil Ft.	Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Coil Ft.
3/8	.520	8	175	1	1.192	1	10
1/2	.628	9	140	1 1/4	1.442	2	50
5/8	.765	12	100	1 1/2	1.740	3	50
3/4	.906	1	85	2	2.185	3	11

### Extra Light

Classification: Eastern, D; Western, XL.

Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Coil Ft.	Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Coil Ft.
3/8	.549	10	155	1 1/4	1.486	2	8
1/2	.666	12	235	1 1/2	1.776	3	42
5/8	.803	1	140	1 3/4	2.024	4	40
3/4	.940	1	115	2	2.284	4	12
1	1.232	2	85				

### Light

Classification: Eastern, C; Western, L.

Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Coil Ft.	Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Coil Ft.
3/8	.577	12	235	1 1/4	1.528	3	50
1/2	.712	1	175	1 1/2	1.830	4	35
5/8	.881	1	100	1 3/4	2.086	5	45
3/4	1.006	1	85	2	2.354	6	8
1	1.284	2	70				

### Medium

Classification: Eastern, B; Western, M.

Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Coil Ft.	Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Coil Ft.
3/8	.631	1	175	1 1/4	1.592	3	12
1/2	.756	1	140	1 1/2	1.882	5	55
5/8	.953	2	100	1 3/4	2.146	6	45
3/4	1.068	2	75	2	2.410	7	40
1	1.356	3	60				

### Strong

Classification: Eastern, A; Western, S.

Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Coil Ft.	Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Coil Ft.
3/8	.725	1	8	1 1/4	1.670	4	12
1/2	.798	1	8	1 1/2	1.984	6	8
5/8	1.019	2	8	1 3/4	2.193	6	12
3/4	1.156	3	67	2	2.503	8	12
1	1.428	4	50				

### Extra Strong

Classification: Eastern, AA; Western, XS.

Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Coil Ft.	Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Coil Ft.
3/8	.811	2	90	1 1/4	1.765	6	45
1/2	.876	2	100	1 1/2	2.076	8	35
5/8	1.082	3	68	1 3/4	2.404	10	8
3/4	1.212	3	57	2	2.751	13	12
1	1.492	4	42				

### Double Extra Strong

Classification: Eastern, AAA; Western, XXS.

Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Pipe Ft.	Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Pipe Ft.
3/8	.888	2	8	1 1/4	1.889	7	12
1/2	1.012	3	60	1 1/2	2.272	11	4
5/8	1.137	3	8	1 3/4	2.624	14	12
3/4	1.336	4	44	2	3.008	19	8
1	1.596	6	40				

### Lead Waste Pipe

Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Pipe Ft.	Size I.D. In.	Out-side Dia.	WEIGHT PER FT. Lbs.	Length of Pipe Ft.
2 1/2	2.75	5	8	4	4.50	16	6
	3.00	10	8	5	5.25	9	14
3	3.25	6	8		5.50	20	4
	3.50	12	8	6	6.25	11	13
4	4.25	7	14		6.50	24	2

On all sizes of lead pipe from 3/8 inch inside diameter up to and including 2 inch inside diameter, the wall thickness of grades A or Strong pipe, will safely withstand a constant, cold-water pressure of fifty pounds to the square inch; AA or Extra Strong, seventy-five pounds to the square inch, and AAA or Double Extra Strong, one hundred pounds to the square inch.

## Lead Waste Pipe

In 10-Foot Lengths

Special Weights

Size.....in.	1 1/2	2	3	4
Wt. per Ft.....lbs.	3	4	6	6, 8

### Ingot Lead



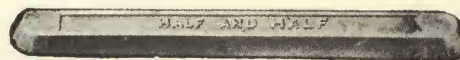
Price..... per pound ....

### Wiping Solder



Prices for wiping solder at market prices.

### Commercial Half and Half Solder



Per Pound.....

### Warranted Half and Half Solder



Prices upon application.

### Lead Wool



Lead wool is lead cut in fine fibres which are put into the joint in the same way as yarn. The lead is being calked from the yarn up, which gives tight, perfect joint that will never leak and yet is flexible.

Per Pound.....

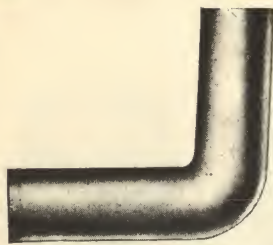
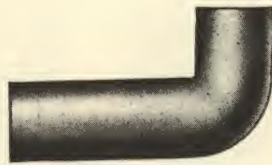
### Sheet Lead



Thickness.....in.	1/64	1/32	3/64	1/25	1/16	1/14	1/12	1/8
Wt. Sq. Ft.....lbs.	1 1/2	2	2 1/2	3	4	5	6	8

Market prices.

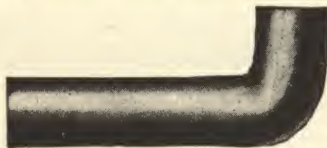


**BRIDGE****PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK****Lead Bends****No. 1 Long Inlet****No. 2 Short Inlet****Standard**

Size Inches	Weight Pounds per Foot	LONG INLET BENDS		Price Each	SHORT INLET BENDS		Price Each
		DIMEN., IN. CENTER TO END Inlet	Outlet		DIMEN., IN. CENTER TO END Inlet	Outlet	
1 1/4	1 1/2	6	6	\$ .30	3 1/2	6	\$ .25
1 1/2	2 1/4	7	7	.50	4	7	.38
2	3 1/4	7 3/4	7 3/4	.78	3 3/4	7 3/4	.57
3	5	8 1/4	8 1/4	1.39	4 1/4	8 1/4	1.09
4	6	10	10	1.95	5 1/2	10	1.50

**Extra Heavy**

Size Inches	Weight Pounds per Foot	DIMEN., IN. CENTER TO END Inlet	Outlet	Price Each	DIMEN., IN. CENTER TO END Inlet	Outlet	Price Each
1 1/4	2 1/2	6	6	\$ .50	3 1/2	6	\$ .34
1 1/2	3 1/2	7	7	.79	4	7	.62
2	4 1/2	7 3/4	7 3/4	1.05	3 3/4	7 3/4	.80
3	6	8 1/4	8 1/4	1.60	4 1/4	8 1/4	1.21
4	8	10	10	2.40	5 1/2	10	1.84

**Extension Lead Bends****No. 4 Short Inlet Extension Bends****Standard**

Size Inches	Weight per Foot	Inlet Dimen., In. Center to End	PRICE, EACH				*Extra In.
			OUTLET, CENTER TO END				
			12-in.	15-in.	18-in.	20-in.	
1 1/4	1 1/2	3 1/2	\$ .40	\$ .47	\$ .55	\$ .60	\$ .03 1/4
1 1/2	2 1/4	4	.56	.67	.77	.84	.04 1/2
2	3 1/4	3 3/4	.79	.94	1.09	1.19	.06 1/4
3	5	4 1/4	1.39	1.65	1.90	2.07	.10 3/4
4	6	5 1/2	1.70	2.00	2.30	2.48	.12

**Extra Heavy**

Size Inches	Weight Pounds per Foot	Inlet Dimen., In. Center to End	PRICE, EACH	PRICE, EACH	PRICE, EACH	PRICE, EACH	*Extra In.
			12-in.	15-in.	18-in.	20-in.	
1 1/4	2 1/2	3 1/2	\$ .60	\$ .72	\$ .84	\$ .92	\$ .05
1 1/2	3 1/2	4	.90	1.07	1.24	1.35	.07
2	4 1/2	3 3/4	1.08	1.28	1.49	1.63	.08 1/2
3	6	4 1/4	1.57	1.87	2.16	2.35	.12
4	8	5 1/2	2.09	2.45	2.81	3.04	.15

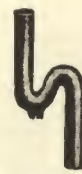
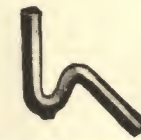
**No. 3 Long Inlet Extension Bends****Standard**

Size Inches	Weight Pounds per Foot	Inlet Dimen., In. Center to End	PRICE, EACH	PRICE, EACH	PRICE, EACH	PRICE, EACH	*Extra In.
			12-in.	15-in.	18-in.	20-in.	
1 1/4	1 1/2	6	\$ .46	\$ .54	\$ .62	\$ .67	\$ .03 1/4
1 1/2	2 1/4	7	.67	.77	.88	.95	.04 1/2
2	3 1/4	7 3/4	.99	1.14	1.29	1.39	.06 1/4
3	5	8 1/4	1.73	1.99	2.24	2.42	.10 3/4
4	6	10	2.15	2.44	2.73	2.92	.12

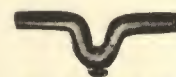
**Extra Heavy**

Size Inches	Weight Pounds per Foot	Inlet Dimen., In. Center to End	PRICE, EACH	PRICE, EACH	PRICE, EACH	PRICE, EACH	*Extra In.
			12-in.	15-in.	18-in.	20-in.	
1 1/4	2 1/2	6	\$ .70	\$ .82	\$ .94	\$ 1.02	\$ .05
1 1/2	3 1/2	7	1.07	1.24	1.41	1.52	.07
2	4 1/2	7 3/4	1.35	1.56	1.76	1.90	.08 1/2
3	6	8 1/4	1.96	2.25	2.54	2.74	.12
4	8	10	2.62	2.98	3.34	3.58	.15

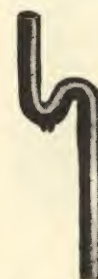
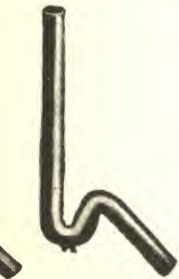
\*Add per inch to list of nearest size for excess length.

**Lead Traps****No. 10 Full S****No. 20 Three-quarter S****No. 40 Half S****Standard**

Size In.	Wt. per Ft. Lbs.	PRICE, EACH			Wt. per Ft. Lbs.	PRICE, EACH		
		Full S	3/4 S	Half S		Full S	3/4 S	P
1 1/4	1 1/2	\$ .58	\$ .55	\$ .51	2 1/2	\$ .87	\$ .81	\$ .77
1 1/2	2 1/4	.90	.81	.75	3 1/2	1.25	1.15	1.09
2	3 1/4	1.38	1.30	1.20	4 1/2	1.85	1.73	1.57

**Extra Heavy****No. 5 Bag****No. 140 Running****No. 130 Running Y****Standard**

Size In.	Wt. per Ft. Lbs.	Bag	PRICE, EACH			Wt. per Ft. Lbs.	Bag	PRICE, EACH		
			Run.	Run Y	Run Y			Run.	Run Y	Run Y
1 1/4	1 1/2	\$ .68	\$ .48	\$ .52	2 1/2	\$ 1.06	\$ .70	\$ .74		
1 1/2	2 1/4	1.08	.72	.76	3 1/2	1.54	1.03	1.09		
2	3 1/4	1.73	1.13	1.34	4 1/2	2.33	1.46	1.61		

**Extra Heavy****No. 1 Full S  
Long Outlet****No. 2 Full S  
Long Inlet****No. 12 Three-quarter  
S Long Outlet****No. 11 Three-quarter  
S Long Inlet****Standard**

Size In.	Wt. per Ft. Lbs.	PRICE, EACH		Wt. per Ft. Lbs.	PRICE, EACH	
		Full S Long Inlet or Outlet	3/4 S Long Inlet or Outlet		Full S Long Inlet or Outlet	3/4 S Long Inlet or Outlet
1 1/4	1 1/2	\$ .93	\$ .85	2 1/2	\$ 1.44	\$ 1.28
1 1/2	2 1/4	1.36	1.19	3 1/2	1.95	1.72
2	3 1/4	2.00	1.76	4 1/2	2.69	2.33

**Extra Heavy****No. 4 Half S  
Long Outlet****No. 3 Half S  
Long Inlet****Standard**

Size In.	Wt. per Ft. Lbs.	PRICE, EACH		Wt. per Ft. Lbs.	PRICE, EACH	
		Half S Long Inlet or Outlet	Bag, Long Inlet or Outlet		Half S Long Inlet or Outlet	Bag, Long Inlet or Outlet
1 1/4	1 1/2	\$ .76	\$ 1.09	2 1/2	\$ 1.14	\$ 1.67
1 1/2	2 1/4	1.02	1.58	3 1/2	1.50	2.24
2	3 1/4	1.55	2.34	4 1/2	2.02	3.11

**Extra Heavy**



### Series 5600X Josam Non-Clog Sediment Arresting Floor Drains

#### With Removable Sediment Container

For collecting and salvaging materials discharged with waste water in packing plants, intercepting floating materials, etc. Anti-tilting grate, inside caulking bottom outlet. Grate surface, 10 $\frac{3}{4}$  inches. Width overall, 16 inches.



Depth, 13 $\frac{1}{2}$  inches; decrease 1 $\frac{1}{4}$  inch when furnished with inside threaded outlet; increase  $\frac{1}{2}$  inch when furnished with brass top. Wt., 86 lbs.

Type	Jap. Cast Iron Each	Galv. Cast Iron Each	All Brass Out-let Each In.
5603X	\$26.00	\$38.00	\$88.50
5604X	26.00	38.00	88.50
5605X	26.00	38.00	88.50
5606X	26.00	38.00	88.50

### Series 410S Josam Roof Drains

#### No Flashing Required

Designed to apply to either concrete or wood roof deck.

Roofing felts are joined to drain with an improved type clamping ring which has 4 adjustable bronze clamping posts with brass set screws. A watertight connection is made between roofing felts and body of drain.

Female threaded or inside caulking outlet. Has removable combined sediment cup and dome strainer. Can be furnished with square flange. Side outlet at additional cost.

No.	412S	413S	414S	415S	416S	418S
Outlet...inches	2	3	4	5	6	8
Each.....	\$16.00	16.00	16.00	19.50	21.50	30.00

### Series 450G Josam Improved Roof Drains

#### For Narrow Valleys or Gutters



Designed for use in gutters, valleys, or other narrow spaces in roof construction. Equipped with Josam adjustable clamping ring which eliminates the use of flashing. Has combined removable dome strainer and sediment cup. Furnished with side outlet, Series 450GR, or square flange, Series 450GL.

This drain will meet all requirements where gutter width is not less than 8 inches.

No.	452G	453G	454G	455G
Outlet.....inches	2	3	4	5
Weight.....pounds	13	13	13	14
Each.....	\$9.00	9.00	9.00	10.00

### Series 420SP Josam Promenade Deck Drains



Especially designed for tile, composition or wood decks. The lower part of the drain body is the same as that of the Type 410S.

The upper part of the body can be furnished to meet various depths of roof slab so the top will set flush with the finished deck surface, but is

regularly furnished with 2-inch high collar.

The top has a cast iron square frame, with a round anti-tilting grate. Can be furnished in brass, nickel-plated or polished at added cost.

No.	Each	Outlet Inches	No.	Each	Outlet Inches
422SP	\$20.00	2	425SP	\$24.50	5
423SP	20.00	3	426SP	27.00	6
424SP	20.00	4	428SP	36.00	8

### Series 2010S Josam All Brass Balcony Drains

For Cornices, Balconies and Sills

Recommended for overhanging cornices, window sills, small balconies, etc., to prevent drip to street.

Shallow type all brass body drain with 90° or 45° female threaded outlet and nickel-plated or polished brass flat, beehive or dome strainer and collar. Collar acts as a clamping ring, holding flashing securely in place; strainer is fastened with brass screws. White metal or chromium-plated strainer and collar, slight additional list.



Type	Outlet Inches	Diam. Flange Inches	Each
2012S	2	4 $\frac{3}{8}$	\$8.00
2013S	3	5 $\frac{3}{4}$	11.00
2014S	4	5 $\frac{3}{4}$	13.00


### No. 5 Lead Drum Traps



Size In.	PRICE, EACH			Size In.	PRICE, EACH	
	Std.	Med.	Ex. Hy.		Std.	Ex. Hy.
4x 8	\$2.00	\$2.15	\$2.50	5x10	\$3.10	\$3.50
4x 9	2.12	2.28	2.60	5x11	3.25	3.65
4x10	2.20	2.37	2.73	5x12	3.40	3.80
4x11	2.28	2.47	2.85	6x10	3.65	4.25
4x12	2.35	2.55	3.00	6x11	3.85	4.45
4x14	2.65	2.85	3.40	6x12	4.00	4.70

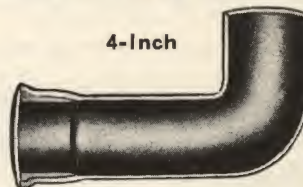
### No. 8600 Brass Trap Screws

#### Regular Pattern



Size In.	PRICE, EACH		Size In.	PRICE, EACH	
	Fin.	N.P.		Fin.	N.P.
1	\$ .40	\$ .70	3	\$ 2.00	\$ 2.80
1¼	.50	.90	3½	2.40	3.20
1½	.55	.95	4	2.80	3.60
2	.95	1.60	5	3.60	4.80
2½	1.60	2.00	6	5.60	7.20

### No. 5 Combination Lead Bends and Ferrules



EACH					EACH				
STANDARD			EX. HY.		STANDARD			EX. HY.	
Lgth. In.	Short Inlet	Long Inlet	Short Inlet	Long Inlet	Lgth. In.	Short Inlet	Long Inlet	Short Inlet	Long Inlet
12	\$2.20	\$2.65	\$2.59	\$3.12	17	\$2.70	\$3.14	\$3.19	\$3.72
13	2.30	2.75	2.71	3.24	18	2.80	3.23	3.31	3.84
14	2.40	2.85	2.83	3.36	19	2.90	3.33	3.43	3.96
15	2.50	2.94	2.95	3.48	20	3.00	3.42	3.54	4.08
16	2.60	3.04	3.07	3.60					

The short inlet is 5 $\frac{1}{2}$  inches, the long 9 $\frac{3}{4}$  inches.

### No. 6 Combination Ferrules

#### Lead and Iron—Standard Weight

Lgth. In.	PRICE, EACH				
	1 $\frac{1}{2}$ -in. for 2-in. C.I. Pipe	1 $\frac{1}{2}$ -in. for 2-in. C.I. Pipe	2-in. for 2-in. C.I. Pipe	3-in. for 3-in. C.I. Pipe	4-in. for 4-in. C.I. Pipe
4	....	....	\$ .28	\$ .42	\$ .50
4 $\frac{1}{2}$	\$ .28	\$ .28	....	....	....
5	.36	.36	.41	.60	.72
6	.43	.43	.46	.67	.85
8	.51	.51	.57	.82	1.02
10	.60	.60	.67	.98	1.25
12	.67	.67	.76	1.10	1.40
14	....	.80	.80	1.15	1.60
16	....	.90	.86	1.22	1.73
18	....	1.00	.92	1.30	1.85
20	....	1.10	1.00	1.40	2.10
24	....	1.30	1.15	1.60	2.30
30	....	....	1.40	2.00	2.75
36	....	....	1.65	2.30	3.25







**Series 2000AC Josam Shower or Floor Combined Drain and Trap**



**Double Drainage Shallow Type**

A specially designed drain for shallow floors.

It has cast iron body with adjustable brass strainer, polished or nickel-plated finish. Provided with new type flashing ring and clamping device.

Type No.	Each	Outlet Screw or Strainer Hub, In.	Inches	Type No.	Each	Outlet Screw or Strainer Hub, In.	Inches
2042AC	\$13.50	2	4 1/2	2043AC	\$17.50	3	4 1/2
2052AC	14.00	2	5	2053AC	18.00	3	5
2062AC	15.50	2	6	2063AC	19.50	3	6

Without clamping device deduct \$1.00.

Furnished with galvanized or brass bodies at extra cost.

**Series 710A Josam Combined Drain and Deep Seal Trap**



For use where there is sediment in the drain water. Heavy cast iron rectangular body with 9x12-inch hinged grate, removable sediment bucket, deep seal trap and brass floor cleanout; female threaded outlet.

Caulked spigot outlet same price. Can be furnished with back water valve extra.

Extra inlet on any side

above the water line at \$1.00 extra. Chromium-plated extra.

Outlet Overall In.	Depth, In.	Type	Japnd. Each	Galv. Each	Type	Japnd. Each	Galv. Each
2	14 1/2	712A	\$32.50	\$46.00	712AF	\$48.00	\$60.00
3	17	713A	35.00	48.00	713AF	52.00	64.50
4	18	714A	38.50	53.50	714AF	56.00	69.50

**Series 6200 Josam Oil Intercepting Garage Floor Drains**

**With Removable Sediment Container**

Intercepts and retains oil, grease, sludge and sediment preventing entry to pipes. Cast iron body, oil retainer, gas seal cone, anti-tilting grate, trap with threaded brass cleanout flush with floor, hub outlet and hub local vent.



Type	Jap. Each	Galv. Each	Grate Outlet In.	Sur-face In.	*Depth In.	Wt. Lbs.
6210	\$91.00	\$121.20	4	10 1/2	22	302
6220	98.00	131.10	6	10 1/2	24	331
6230	105.00	141.00	8	10 1/2	26	360
6240	119.00	160.80	12	10 1/2	30	418
6250	119.00	159.20	4	14 1/2	22	402
6260	126.00	168.60	6	14 1/2	24	426
6270	133.00	178.00	8	14 1/2	26	450
6280	147.00	196.80	12	14 1/2	30	498

\*Increased 1/2 inch when furnished with brass top.

**Series 300 Josam Double Drainage Floor Drains Without Trap**



Adapted for floors of marble, tile, cement, or any composition where the construction will not permit, or where it is not desirable to place trap in same. This drain outlet can be used and an independent trap placed wherever the construction will

permit. It has a cast iron body and adjustable brass strainer. Strainers concave, convex or flat. Drain furnished with male or female threaded outlet or for slip caulked joint.

No.	341 1/2	342	353	364
Strainer.....inches	4	4	5	6
Outlet.....inches	1 1/2	2	3	4
Each.....	\$6.50	6.50	9.00	11.50

**Series 3000 Josam Double Drainage Drains With Adjustable Double Eccentric Bushings**



The double eccentric bushings correct distortions or irregularities in receptors when they will not meet with roughed-in connections. They can be so adjusted in relation to each other and the body of the drain that a variation of 1 3/8 inches in

any direction can be readily compensated. The drain proper has a high body on which the fixture rests, permitting ample clearance for easy operation of the eccentric bushings. Collar, strainer and bushings are of brass. Flange of strainer is feather-edged or beveled.

No.	Strainer Inches	Outlet Inches	Price Each	No.	Strainer Inches	Outlet Inches	Price Each
3042	4 1/2	2	\$10.00	3043	4 1/2	3	\$11.00

Either No. 3042 or 3043 with 2 Inch Vent.....extra \$1.00

**Series 510 Josam Double Drainage Floor Drains or Cesspools**



All cast iron. Duriron at added cost. Construction of grate eliminates possibility of tilting.

Used in basement areas, ways, scale and elevator pits, etc.; swimming pools and promenade

roofs or decks. Galvanized or with brass top rim and grate at added cost. With female threaded outlet or slip caulked joint connections.

With 8-Inch Grate					With 11-Inch Grate				
No.	Outlet Inches	With Iron Grate	With Brass Rim, Grate	Price, Each	No.	Outlet Inches	With Iron Grate	With Brass Rim, Grate	Price, Each
512	2	\$7.00	\$13.50		524	4	\$13.00	\$24.00	
513	3	7.00	13.50		525	5	13.00	24.00	
514	4	7.00	13.50		526	6	13.00	24.00	

**Series 5420 Josam Scale, Elevator and Ash Pit Floor Drains**

**With Removable Sediment Container**

A non-clog triple drainage drain. Surface flow is maintained at all times and sediment is intercepted in the container. Anti-tilting grate, inside threaded bottom outlet.

Grate surface, 7 1/2 inches. Width overall, 12 1/2 inches. Depth, 5 inches; increase 1 1/4-inch when furnished with inside caulking outlet; increase 1/2 inch when furnished with brass top. Wt. 22 lbs.



Type	Jap., Cast Iron Each	Galv., Cast Iron Each	All Brass Each	Outlet In.
5422	\$9.00	\$12.00	\$24.00	2
5423	9.00	12.00	24.00	3
5424	9.00	12.00	24.00	4

**Series 5440 Josam Heavy Duty Drains With Removable Sediment Retainer**

For garage, floor, and area-way.

Has 10 3/4-inch grate and double drainage pan which with non-clog feature provides a triple drainage drain. Also has improved type clamping device and ring.

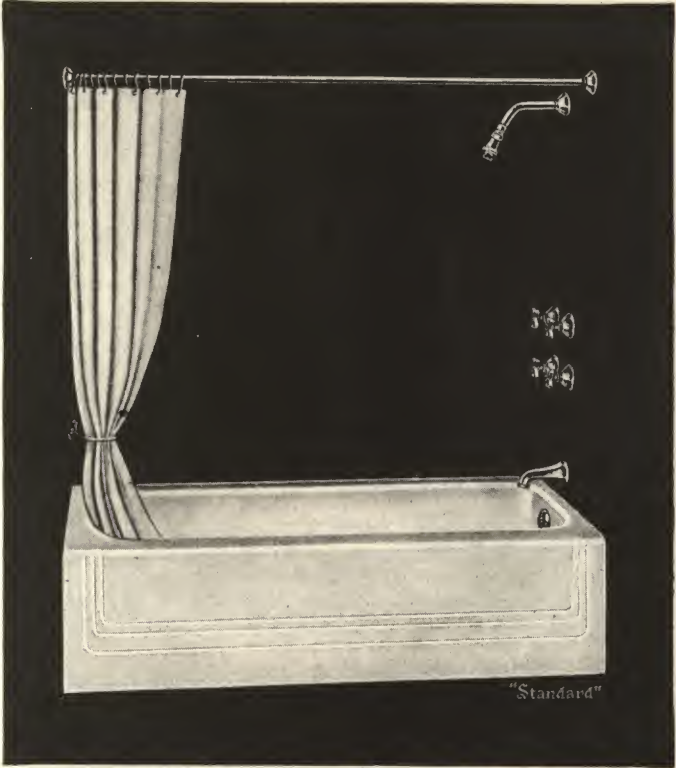
Regularly furnished cast iron body, flat strainer, and removable sediment container. Female threaded outlet.

Furnished with inside caulked outlet if desired, also various iron and brass combinations; prices upon application.

Weight, 58 pounds.

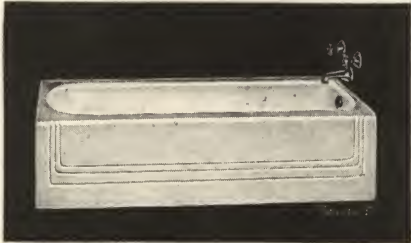
Type.....	5443	5444	5445	5446
Each.....	\$18.00	18.00	18.00	18.00



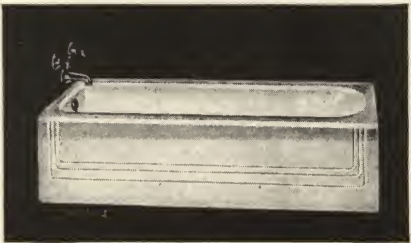


No. P-2215-M, Right Outlet and Drain with Rubber Stopper  
 No. P-2217-M, Left Outlet and Drain with Rubber Stopper  
 No. P-2215-S, Right Outlet and Pop-Up Drain  
 No. P-2217-S, Left Outlet and Pop-Up Drain

**Master Pembroke Neo-Classic Enameled**  
**Cast Iron Baths**  
 Recess Pattern



No. P-2215-NR, Right Outlet



No. P-2217-NR, Left Outlet

Over rim spout and connected drain and overflow fitting. Valves are 1/2-inch I.P. size with metal handles and escutcheons.

Exposed metal chromium-plated.

Various other fittings may also be furnished.

Furnished in regular white and acid-resisting white or colored enamel, in 4 1/2, 5 and 5 1/2 foot sizes.

**Master Pembroke Neo-Classic Enameled Cast Iron Recess Bath** to build into recess, with right end outlet.

Fittings, all-metal combination built-in shower and bath fitting with over rim supply spout, four 1/2-inch built-in compression valves for bath and shower, with renewable units, cross handles, and escutcheons, adjustable shower head with ball joint, and bent supply arm, 1 1/2-inch connected drain and overflow with chain and rubber stopper, curtain rod, holdback hook and chain.

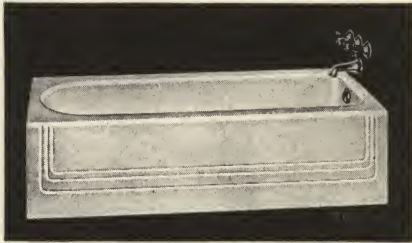
Curtain and pins not furnished.

Exposed metal chromium-plated.

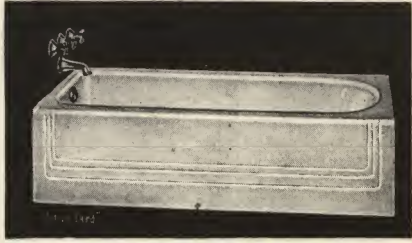
Nominal Sizes.....feet	4 1/2	5	5 1/2
Length Over All.....inches	54	60	66
Length between Finished Wall			
Lines.....inches	52 1/2	58 1/2	64 1/2
Width Over All.....inches	30 3/4	30 3/4	30 3/4
Width from Finished Wall Line			
.....inches	30	30	30
Depth Inside.....inches	15 1/4	15 1/4	15 1/4
Height from Floor.....inches	15 1/2	15 1/2	15 1/2
Height Over All.....inches	16	16	16
Width of Rim.....inches	3 3/4	3 3/4	3 3/4
Approximate Shipping Weight Less			
Fittings.....pounds	365	385	440

Furnished in regular white and acid-resisting white or colored enamel.

**Master Pembroke Neo-Classic Enameled**  
**Cast Iron Baths**  
 Recess Pattern



No. P-2215-W, Right Outlet



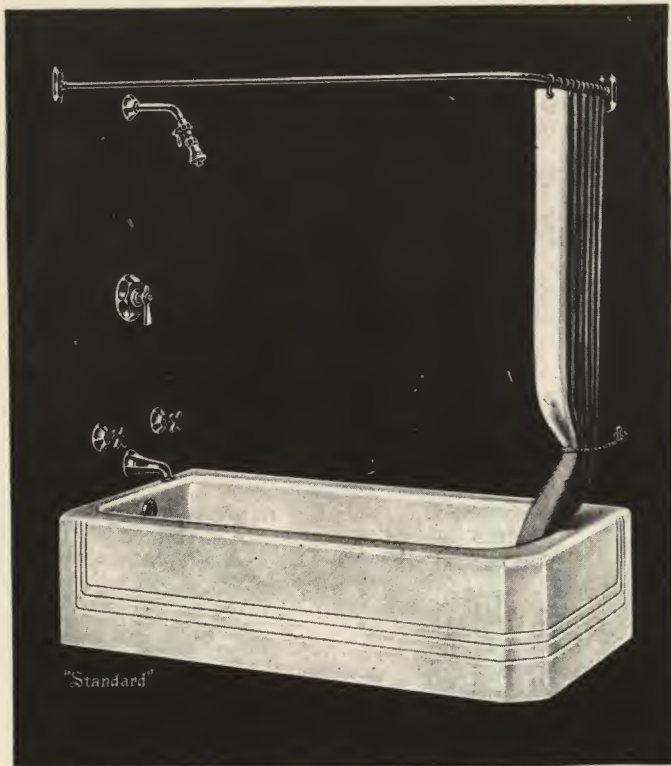
No. P-2217-W, Left Outlet

Over-rim supply and concealed pop-up drain fitting in end wall. Metal handles and escutcheons on drain lift and valves. Valves are 1/2-inch I.P. size.

Fittings shown and various other fittings may be furnished chromium-plated.

Furnished in regular white and acid-resisting white or colored enamel in 4 1/2, 5 and 5 1/2-foot sizes.





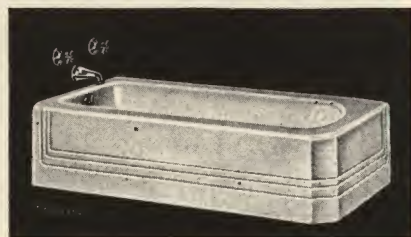
No. P-2212-L, Left Outlet and Drain with Rubber Stopper  
No. P-2207-L, Right Outlet and Drain with Rubber Stopper  
No. P-2212-T, Left Outlet and Pop-Up Drain  
No. P-2207-T, Right Outlet and Pop-Up Drain

**Master Pembroke Neo-Classic Enameled Cast Iron Baths**

**Corner Pattern**



No. P-2207-QR, Right Corner



No. P-2212-QR, Left Corner

Over-rim spout and pop-up drain fitting with lever handle through overflow. Valves are  $\frac{1}{2}$ -inch I.P. size with metal handles and escutcheons.

Fittings shown and various other fittings may be furnished chromium-plated.

Furnished in regular white and acid-resisting white or colored enamel in  $4\frac{1}{2}$ , 5 and  $5\frac{1}{2}$ -foot sizes.

**Master Pembroke Neo-Classic Enameled Cast Iron Corner Bath** to build into left corner, with left end outlet.

Fittings, all-metal combination built-in shower and bath fitting with over-rim supply spout, two  $\frac{1}{2}$ -inch built-in compression valves with renewable units, cross handles, and escutcheons, adjustable shower head with volume regulator, ball joint, and bent supply arm,  $\frac{1}{2}$ -inch mixing shower valve with metal handle and escutcheon,  $1\frac{1}{2}$ -inch connected drain and overflow with bead chain and rubber stopper, curtain rod, holdback hook, and chain.

Exposed metal chromium-plated.

Nominal Sizes.....	feet	$4\frac{1}{2}$	5	$5\frac{1}{2}$
Length Over All.....	inches	54	60	66
Length from Finished Wall Line.....	inches	$59\frac{1}{4}$	$59\frac{1}{4}$	$65\frac{1}{4}$
Width Over All.....	inches	$30\frac{3}{4}$	$30\frac{3}{4}$	$30\frac{3}{4}$
Width from Finished Wall Line.....	inches	30	30	30
Depth Inside.....	inches	$15\frac{1}{4}$	$15\frac{1}{4}$	$15\frac{1}{4}$
Height from Floor.....	inches	$15\frac{1}{2}$	$15\frac{1}{2}$	$15\frac{1}{2}$
Height Over All.....	inches	16	16	16
Width of Rim.....	inches	$3\frac{3}{4}$	$3\frac{3}{4}$	$3\frac{3}{4}$
Approximate Shipping Weight Less Fittings.....	pounds	405	432	465

Furnished in regular white and acid-resisting white or colored enamel.

Curtain and pins not furnished.

**Master Pembroke Neo-Classic Enameled Cast Iron Baths**

**Corner Pattern**



No. P-2205-Q, Right Corner



No. P-2210-Q, Left Corner

Over-rim supply and drain fitting in exposed end. Valves are  $\frac{1}{2}$ -inch I.P. size with metal handles and floor flanges.

Fittings shown and various other fittings may be furnished chromium-plated.

Furnished in regular white and acid-resisting white or colored enamel in  $4\frac{1}{2}$ , 5 and  $5\frac{1}{2}$ -foot sizes.





No. P-6814-QS Sink with No. 65 Cabinet

Nominal Size.....	inches	60x22
Length Over All.....	inches	60
Width Over All.....	inches	22
Length of Sink.....	inches	21½
Depth of Sink.....	inches	6
Length Each Drain Board.....	inches	19¼
Height of Back.....	inches	8
Approximate Shipping Weight, with Cabinet.....	pounds	400

Furnished in regular white and acid-resisting white or colored enamel.

Cabinets furnished green, ivory, or white only; also furnished with prime coat to be painted on job.

### Hudson Sinks with Cabinets

Sink, enameled cast iron, with back, roll rim, and right and left drain boards. Supported on concealed wall hangers and steel cabinet.

Fittings, all-metal quick compression combination swing spout faucet with lever handles, removable soap dish, and 3½-inch drain plug with removable crumb cup, stopper, and 1½-inch tail-piece.

Trap, 1½-inch P pattern with metal wall flange.

Cabinet, steel, baked white gloss finish, has a center compartment with louvre-top double doors, two drawers and a compartment on each side with 2 shelves and a single door, and adjustable bases permitting sink to set 33 to 36 inches from floor to top of rim.

Exposed metal chromium plated.



No. P-6815-QS, Sink on Left with No. 70 Cabinet  
No. P-6816-QS, Sink on Right with No. 71 Cabinet

### Warren Sinks with Cabinets

Sink, enameled cast iron, with back, roll rim, and single drain board. Supported on concealed wall hangers.

Fittings, all-metal quick compression combination swing spout faucet, 3½-inch drain plug with removable crumb cup, stopper, 1½-inch tail-piece, and 1½-inch P trap.

Cabinet, steel, baked white gloss finish, has compartment under sink and two drawers and compartment under drain board. Adjustable bases permit sink to set 33 to 36 inches.

Nominal Size.....	inches	42x20	*52x20
Length of Sink.....	inches	22	28
Length of Drain Board.....	inches	20¼	24¼
Approx. Ship. Wt., less Fittings.....	pounds	265	315

\*Has two doors under sink.

Cabinets furnished green, ivory, white, or primed only.



No. P-6816-QS, Sink on Right with No. 76 Cabinet  
No. P-6815-QS, Sink on Left with No. 75 Cabinet

### Warren Sinks with Cabinets

Sink, enameled cast iron, with back, roll rim, and drain board. Supported on concealed wall hangers.

Fittings, all-metal quick compression combination swing spout faucet, 3½-inch drain plug with removable crumb cup, stopper, 1½-inch tail-piece, and 1½-inch P trap.

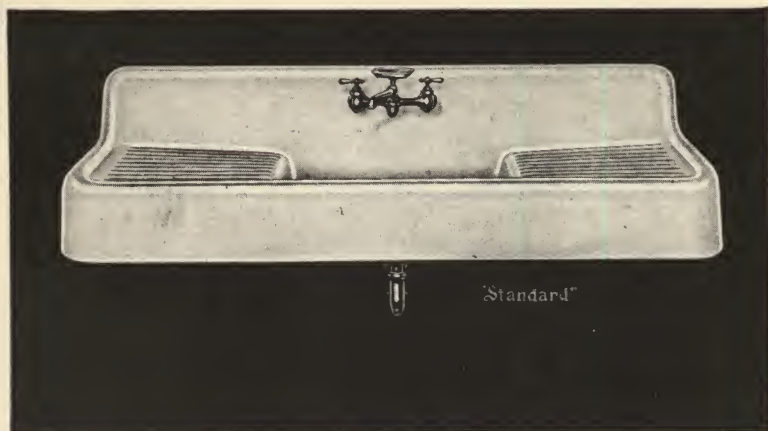
Cabinet, steel, baked white gloss finish, has compartment under sink and compartment with two shelves under drain board. Adjustable bases permit sink to set 33 to 36 inches.

Nominal Size.....	inches	42x20
Length of Sink.....	inches	22
Length of Drain Board.....	inches	20¼
Approximate Shipping Weight, less Fittings...	pounds	257

Regular white and acid-resisting white or colored enamel.

Cabinets furnished green, ivory, white, or primed.

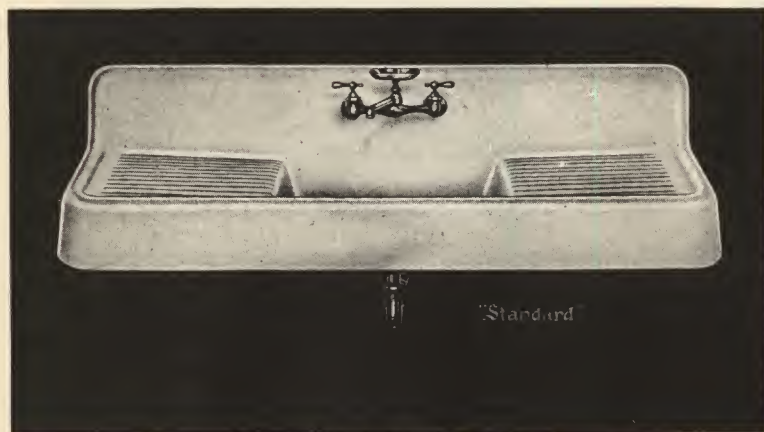




No. P-6660-QS

		Brentwood, Double Drain Board		Glenmere, Single Drain Board	
Nominal Size.....	inches	60x22	74x22	42x22	52x22
Length Over All.....	inches	61 $\frac{1}{4}$	75 $\frac{1}{4}$	43	53
Width Over All.....	inches	22 $\frac{3}{8}$	22 $\frac{3}{8}$	22 $\frac{3}{8}$	22 $\frac{3}{8}$
Length of Sink.....	inches	22	26 $\frac{1}{4}$	22	28
Depth of Sink.....	inches	8	8	8	8
Length Each Drain Board.....	inches	19 $\frac{1}{4}$	24 $\frac{1}{4}$	21	25
Height of Back.....	inches	8	8	8	8
Depth of Apron.....	inches	8	8	8	8
Approx. Ship. Wt., less Fittings.....	pounds	355	425	260	305

Furnished regular white and acid-resisting white or colored enamel.



No. P-6710-QS

		Clinton, Double Drain Board		Bedford, Single Drain Board		
Nominal Size.....	inches	60x22	74x20	42x20	52x20	60x22
Length Over All.....	inches	60 $\frac{3}{4}$	75	42 $\frac{1}{2}$	52 $\frac{1}{2}$	61
Width Over All.....	inches	22 $\frac{1}{4}$	20 $\frac{1}{4}$	20 $\frac{1}{4}$	20 $\frac{1}{4}$	22 $\frac{1}{4}$
Length of Sink.....	inches	22	26	22 $\frac{1}{4}$	28 $\frac{1}{4}$	34 $\frac{1}{4}$
Depth of Sink.....	inches	6	6	6	6	6
Length Each Drain Board.....	inches	19 $\frac{1}{4}$	24 $\frac{1}{4}$	20 $\frac{1}{4}$	24 $\frac{1}{4}$	26 $\frac{3}{4}$
Height of Back.....	inches	8	8	8	8	8
Depth of Apron.....	inches	6	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{1}{2}$	6
Approx. Ship. Wt., less Fittings.....	pounds	298	365	181	220	310

Furnished regular white and acid-resisting white or colored enamel.

**Brentwood Enameled Cast Iron "Three Eights" Sink** with back, apron, and right and left drain boards. Supported on concealed wall hangers.

Fittings, all-metal quick compression combination swing spout faucet with renewable units, lever handles, removable soap dish, and 3 $\frac{1}{2}$ -inch drain plug with removable crumb cup, stopper, and 1 $\frac{1}{2}$ -inch tail-piece.

Trap, 1 $\frac{1}{2}$ -inch P pattern with metal wall flange.

Exposed metal chromium plated.

The **Glenmere**, as described except with single drain board, is illustrated below.



No. P-6656-QS, Sink on Left  
No. P-6657-QS, Sink on Right

**Clinton Enameled Cast Iron Sink** with back, apron, and right and left drain boards. Supported on concealed wall hangers.

Fittings, all-metal quick compression combination swing spout faucet with renewable units, lever handles, removable soap dish, and 3 $\frac{1}{2}$ -inch drain plug with removable crumb cup, stopper, and 1 $\frac{1}{2}$ -inch tail-piece.

Trap, 1 $\frac{1}{2}$ -inch P pattern with metal wall flange.

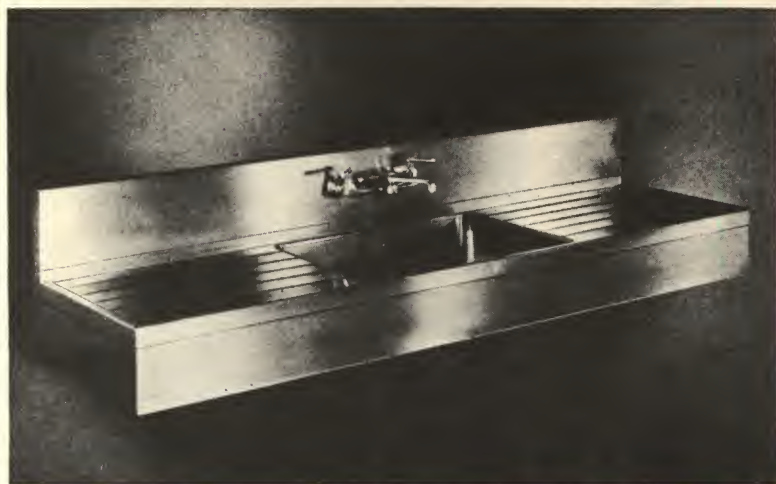
Exposed metal chromium plated.

The **Bedford**, as described except with single drain board, is illustrated below.



No. P-6707-QS Sink on Right  
No. P-6706-QS Sink on Left





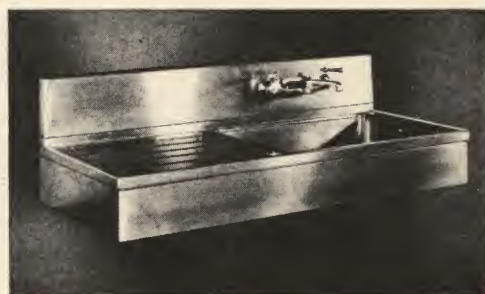
No. 1060

No. 1072

No.	1041L 1041R	1050L 1050R	1060	1072	*1082
Nominal Size.....inches	41x21	50x21	60x21	72x21	82x21
Length Overall.....inches	41	49½	60	72	82
Width Overall.....inches	21	21	21	21	21
Length of Sink.....inches	20	25	20	25	20
Depth of Sink.....inches	7	7	7	7	7
Length Drain Board.....inches	19¼	22¾	20	23½	20
Height of Apron.....inches	7	7	7	7	7
Approximate Shipping Weight with 7¼-In. Back, less Fittings..lbs.	81	92	109	123	136
Approximate Shipping Weight with 1¼-In. Back, Less Fittings. lbs.	69	77	92	103	123

\*Double drainboard sink with double bowls.

Drillings for special faucets are available at extra cost.



Nos. 1041L and 1050L, Left Drain Board  
Nos. 1041R and 1050R, Right Drain Board



No. PKWA1060, with Cabinet

No. WA1060, less Cabinet

	Single Drain Board		Double Drain Boards		
	*PKWA1041L *PKWA1041R	*PKWA1050L *PKWA1050R	PKWA1060	PKWA1072	†PKWA1082
Nominal Size.....inches	41x21	49½x21	60x21	72x21	82x21
Length Over All.....inches	41	49½	60	72	82
Width Over All.....inches	21	21	21	21	21
Length of Sink.....inches	20	25	20	25	20 Each
Length Each D. B. inches	19¼	22¾	20	23½	20
Ht. from Floor.....inches	36	36	36	36	36
Ship. Wt. with 7¼-inch Back, less Fittings..lbs.	290	300	370	410	415

Sinks available with 7¼ or 1¼-inch backs. Specify back height when ordering. Available with 1 or 2 end splashers if desired.

\*Suffix L or R signifies left or right drain board.

†Double bowl model.

## Series WA 21-Inch Whitehead Sinks and Cabinets

Sink, Monel, with right and left drain boards. Supported on concealed hangers and steel cabinet.

Fittings, quick compression combination swing spout faucet with metal lever handles, removable soap dish, and hand-operated crumb cup strainer with Monel basket.

Cabinet, one-piece steel construction.

Standard colors are ivory, white, light green, or dark ivory enamel. Other finishes are available at added cost.



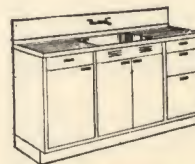
PKWA1041R



PKWA1050R



PKWA1060



PKWA1072



PKWA1082





No. P-6700-QS

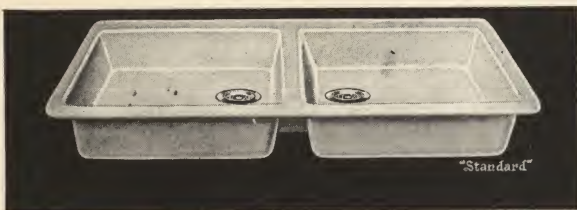
**Madison Enameled Cast Iron Sink** with back and apron. Supported on concealed wall hanger.

Fittings, all-metal quick compression combination swing spout faucet with lever handles, removable soap dish, and 3½-inch drain plug with removable crumb cup, stopper, and 1½-inch tail-piece.

Trap, 1½-inch P pattern with metal wall flange. Exposed metal chromium plated.

Nominal Size.....inches	20x20	24x20	30x20	36x20
Length Over All.....inches	20½	24½	30¾	36½
Width Over All.....inches	20¼	20¼	20¼	20¼
Depth of Sink.....inches	6	6	6	6
Height of Back.....inches	8	8	8	8
Depth of Apron.....inches	5½	5½	5½	5½
Approx. Ship. Wt., less Fittings.....pounds	100	125	155	180

Regular white and acid-resisting white or colored enamel.



No. P-7007

**Enameled Cast Iron Two-Compartment Flat Rim Sink** with two 3½-inch drain plugs with removable crumb cups, stoppers, and 1½-inch tail-pieces.

Nominal Size.....inches	32x20	48x18	42x22
Depth.....inches	7	6	6
Approximate Shipping Weight.....pounds	105	135	140

This sink can be furnished with separate 12-inch high back. Regular white and acid-resisting white or colored enamel.

### Enameled Cast Iron Adjustable Sink Legs

#### No. P-6823-B

For use under drain boards of 6-inch deep roll rim sinks. Approx. Ship. Wt., per Pair.....lbs. 22

#### No. P-6823-C

For use under 6-inch deep apron sinks. Approx. Ship. Wt. per Pair.....lbs. 20

#### No. P-6825

New Style Adjustable Sink Leg with threaded extension providing 4 inches adjustment.

For use under all apron sinks, and sink and tray combinations. Approx. Ship. Wt. per Pair.....lbs. 16

Sink can be adjusted 32 to 36 inches from floor to top of rim.

All legs are available in regular white, acid-resisting white or colors, and painted only.

No. P-6825



No. P-6800-E

**Salem Enameled Cast Iron Sink** with back and roll rim. Supported on concealed wall hanger.

Fittings, two ½-inch T-handle compression single faucets with adjustable threaded flanges, and 3½-inch drain plug with removable crumb cup, stopper, and 1½-in. tail-piece.

Trap, 1½-inch P pattern with metal wall flange.

Exposed metal chromium plated.

Depth of sink, 6 inches. Height of back, 8 inches.

Size In.	Approx. Ship. Wt. Lbs., less Fittings	Size In.	Approx. Ship. Wt. Lbs., less Fittings	Size In.	Approx. Ship. Wt. Lbs., less Fittings
16x16	60	30x18	102	36x20	132
24x16	80	20x20	75	36x22	140
18x18	70	24x20	90	.....	.....
24x18	85	30x20	108	.....	.....

Regular white and acid-resisting white or colored enamel.



No. P-7020

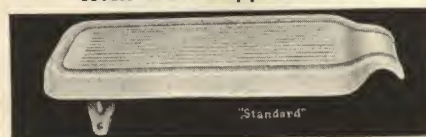
**Enameled Cast Iron Flat Rim Sink** with end outlet and 3½-inch drain plug with removable crumb cup, stopper, and 1½-inch tailpiece. Exposed metal chromium plated.

Size, In.	Wt., Lbs.	Size, In.	Wt., Lbs.	Size, In.	Wt., Lbs.
18x12	23	24x18	42	30x20	62
20x14	28	30x18	52	36x20	83
20x16	32	36x18	74	.....	.....
24x16	37	24x20	45	.....	.....

Regular white and acid-resisting white or colored enamel.

### No. P-6805 Enameled Cast Iron Drain Boards

With Wall Support—For Roll Rim Sinks



Lgth. In.	Wdth. In.	Ship. Wt. Lbs.
18	18	45
20	18	50
24	18	55
24	20	65

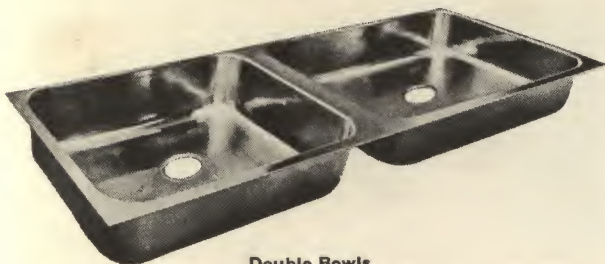




BRIDGE PLUMBERS SUPPLY CO.



Single Bowl



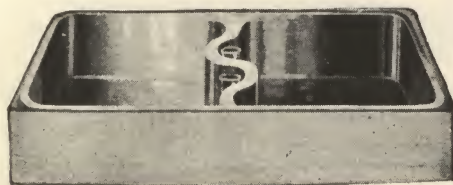
Double Bowls

**Whitehead Seamless Monel Flat Rim Bowl** with center outlet drilled for 3½-inch strainer.

Constructed of U.S.S. 19-gage monel with rounded corners and covered bottom.

\*Double bowls are available in one size only, each bowl being 18x20 inches with a 2-inch partition between.

No.	Single Bowl				*Double Bowls
	1820	1820NF	1825	1825NF	1842NF
Size.....inches	20x18	20x18	25x18	25x18	42x18
Flange.....inches	1½	5/8	1½	5/8	1½
Ship. Wt. pounds	16	15	18	17	55



No. 116

**Metal Pantry Sink** encased in plain wood box, with S dividing partition; 2 chromium-plated combination standing drain and overflows, couplings and tail-pieces; chromium-plated twin waste connection with 5¼-inch centers for 1½-inch trap. Furnished in copper or monel metal.

Size Box.....in.	20x42	24x46	18x50	26x50
Size Sink.....in.	18x40	22x44	16x48	24x48
Depth Sink.....in.	6	6	6	6
Approx. Ship. Wt. ....lbs.	..	..	..	..

Twin waste available at extra cost.



No. 119

**Metal Recess Pantry Sink** with combination standing drain and overflow.

Furnished in copper or monel metal.

Size Box....in.	16x26	16x30	18x30	18x36	20x36	22x42
Size Sink....in.	14x20	14x24	16x24	16x30	18x30	20x36
Depth Sink....in.	6	6	6	6	6	6
Approx. Ship. Wt.....lbs.	..	..	..	..	..	..



No. F-7100-RS

**Vernon Vitreous China Sink** with integral back. Supported on vitreous china legs and concealed wall hanger.

Fittings, all-metal compression concealed two-valve combination swing spout faucet with renewable units, lever handles, removable soap dish, drain plug with metal strainer, and ½-inch tail-piece.

Trap, 1½-inch P pattern with metal wall flange.

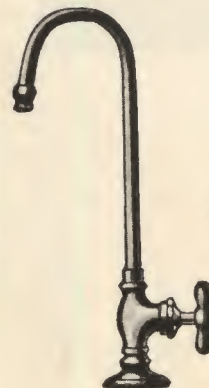
Furnished in white only. Exposed metal chromium plated.

Size Over All.....inches	24x22	30x22	36x22
Length Over All.....inches	24	30	36
Width Over All.....inches	22	22	22
Height Floor to Rim.....inches	36	36	36
Depth of Sink.....inches	9	9	9
Height of Back.....inches	8	8	8
Approx. Ship. Wt., Less Ftg.s. ....pounds	160	190	220



No. 3772  
Doherty Self-closing  
Pantry Faucets

		C.P.	N.P.
Plain End.....each	.....	.....	.....
Hose End.....each	.....	.....	.....



No. 6120  
Compression Single  
Pantry Faucets

No. 6120, Tee Handle.....each	.....
No. 6120, 4-Ball China Index Handle.....each	.....
Add for Hose End.....each	.....

Furnished chromium-plated. Also nickel-plate finish.





**BRIDGE**

**PLUMBERS SUPPLY CO. 1139 SECOND AVENUE, NEW YORK**

BRIDGE PLUMBERS SUPPLY CO.



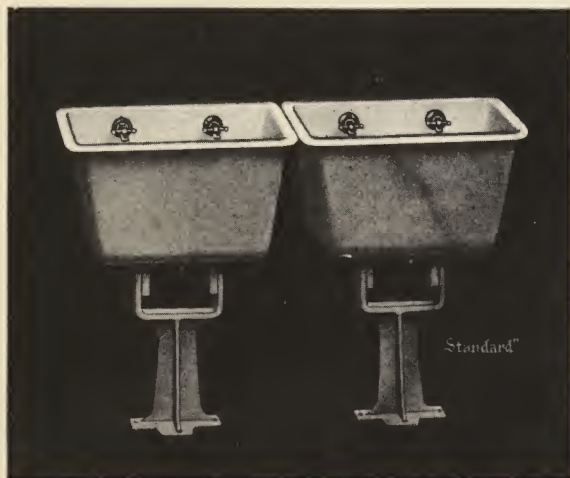
No. P-7520-F

**Revere Enameled Cast Iron Laundry Trays**, two sections, with back and roll rim, painted outside. Supported on painted adjustable pedestals.

Fittings, four  $\frac{1}{2}$ -inch compression faucets with metal cross handles and two  $1\frac{1}{2}$ -inch drain plugs with rubber stoppers and tail-pieces.

Exposed metal chromium plated.

Length Over All, Each Section.....	inches	28
Width Over All.....	inches	26
Length Inside, Each Section.....	inches	23
Front to Back, Inside.....	inches	22
Depth Inside.....	inches	$14\frac{1}{4}$
Height of Back.....	inches	8
Floor to Top of Rim, Adjustable.....	inches	31 to 34
Approximate Shipping Weight, Each Section, Less Fittings.....	pounds	210
Furnished in regular white or acid-resisting white enamel.		



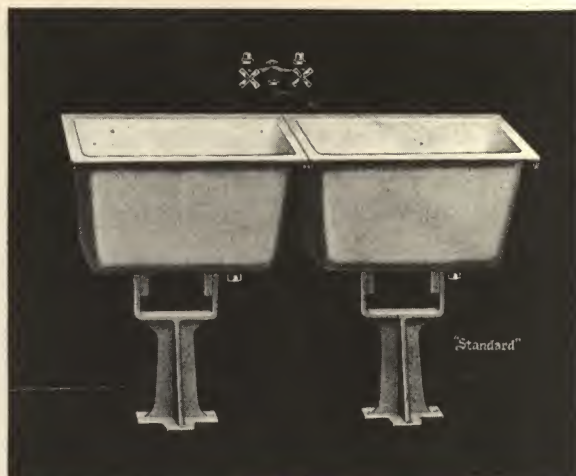
No. P-7585-E

**Montrose Enameled Cast Iron Laundry Trays**, two sections, with flat rim, painted outside. Supported on painted adjustable pedestals.

Fittings, four  $\frac{1}{2}$ -inch compression faucets with metal tee handles, and two drain plugs with rubber stoppers and  $1\frac{1}{2}$ -inch tailpieces.

Exposed metal chromium plated.

Length Over All, Two Sections.....	inches	$48\frac{1}{4}$
Width Over All.....	inches	$22\frac{3}{4}$
Length Inside, Each Section.....	inches	$21\frac{1}{4}$
Front to Back, Inside.....	inches	19
Depth Inside.....	inches	$13\frac{1}{2}$
Floor to Top of Rim, Adjustable.....	inches	30 to 33
Approx. Ship. Wt., Each Section, Less Fittings.....	pounds	125
Furnished in regular white or acid-resisting white enamel.		



No. P-7550-B

**Hanover Enameled Cast Iron Laundry Trays**, two sections, with flat rim, painted outside. Supported on painted adjustable pedestals.

Fittings, compression swing spout faucet with metal cross handles, wall flanges and two  $1\frac{1}{2}$ -inch drain plugs with rubber stoppers and tailpieces.

Exposed metal chromium plated.

Length Over All, Two Sections.....	inches	51
Width Over All.....	inches	$25\frac{1}{2}$
Length Inside, Each Section.....	inches	$23\frac{3}{4}$
Front to Back, Inside.....	inches	$21\frac{1}{2}$
Depth Inside.....	inches	$14\frac{1}{4}$
Floor to Top of Rim, Adjustable.....	inches	31 to 34
Approx. Ship. Wt., Each Section, Less Fittings.....	lbs.	155

Ends of trays are ground for bolting sections together.

Furnished in regular white or acid-resisting white enamel.

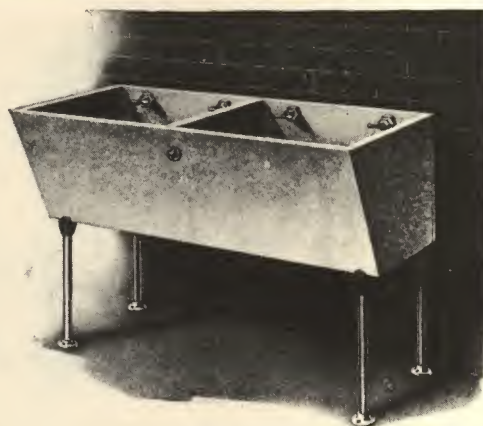


Fig. N-1781

**Soapstone Laundry Tray**.—Drilled for waste connections and for faucets, supported on 2 painted iron legs, fitted with finished brass waste plugs and stoppers.

No. of Parts	Length In.	Width In.	Depth In.	Ship. Wt., Pounds	No. of Parts	Length In.	Width In.	Depth In.	Ship. Wt., Pounds
1	24	24	16	240	2	42	22	14	376
1	24	22	14	225	2	48	24	16	445
1	24	24	14	230	2	48	24	14	438
2	42	24	16	385	3	72	24	16	635
2	42	24	14	380	3	72	24	14	580

Faucets and waste connections are extra.

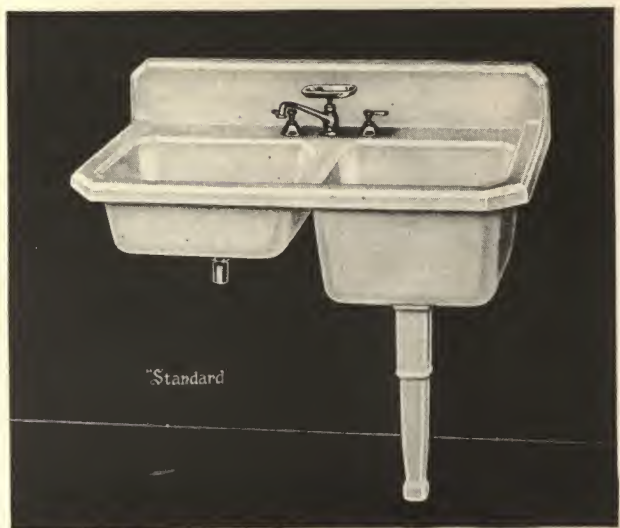
These trays are drilled for right or left waste, or the 2-part tray can be furnished with twin waste. By the use of the twin waste fitting but a single waste connection is required.



**SUPPLIES FOR PLUMBERS AND STEAMFITTERS**

**BRITCO**





No. P-7420-DL Sink at Left and Tray at Right

Nominal Size.....	inches	42	50
Size Overall.....	inches	42x25	50x25
Sink Inside.....	inches	17 1/4 x 16 1/4	21 1/4 x 16 1/4
Tray Inside.....	inches	17 1/4 x 16 1/4	21 1/4 x 16 1/4
Height of Back.....	inches	6	6
Depth Sink.....	inches	8	8
Depth Tray.....	inches	13	13
Approximate Shipping Weight.....	pounds	255	300



No. P-7421-DL Sink at Right and Tray at Left



No. P-7420-D, Sink on Left with No. 95 Cabinet  
No. P-7421-D, Sink on Right with No. 95 Cabinet

**Monarch Laundry Tray and Sink Combination**

Sink, enameled cast iron, with sink and tray compartments, back ledge, and roll rim.

Fittings, swing spout faucet with built-in valves, removable soapdish, 3 1/2-in. drain plug with crumb cup and metal stopper in sink, and 2-in. drain plug with rubber stopper in tray.

Cabinet, steel, baked white gloss finish; interior consists of side shelves, center shelf, and concealed drawer. Black painted adjustable bases permit fixture to set 34 to 66 inches from floor to rim.

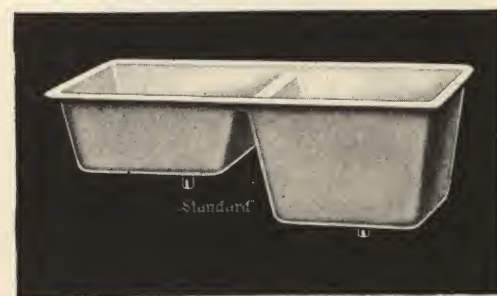
Nominal Size.....	inches	42x25	50x25
Approx. Ship. Wt., with Cabinet.....	pounds	300	365
Depth sink, 8 in. Depth tray, 13 in. Height back, 6 in.			

**Monarch Enameled Cast Iron Sink and Laundry Tray Combination** with back ledge, and roll rim. Supported on painted iron adjustable leg and concealed wall hangers.

Fittings, all-metal built-in compression combination supply fittings with renewable seats, lever handles, swing spout, removable soap dish, 3 1/2-inch drain plug with removable crumb cup and stopper in sink, and 2-inch drain plug with rubber stopper in tray.

Trap not furnished.

Exposed metal chromium-plated.



No. P-7474-D

**Cromwell Enameled Cast Iron Laundry Tray and Sink Combination** in one piece with flat rim, rear center outlets, and painted outside.

Fittings, 3 1/2-inch drain plug with crumb cup and metal stopper in sink, and 1 1/2-inch drain plug with rubber stopper in tray.

Exposed metal chromium plated.

Nominal Size.....	inches	38x20
Length Over All.....	inches	38
Width Over All.....	inches	20
Tray Inside.....	inches	16 1/2 x 17 1/2
Sink Inside.....	inches	16 1/2 x 17 1/2
Depth Tray.....	inches	13
Depth Sink.....	inches	8
Approximate Shipping Weight.....	pounds	200

Furnished in regular white and acid-resisting white or colored enamel.







**Scovill Sink Funnels**

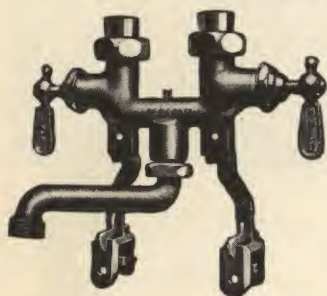


Satin nickel finish.

No.....	966	968
Each.....		
Slip..... inches	1 1/4x4	1 1/2x4
B. & S. Gage.....	22	22

**Quick-Presson Laundry Tray Faucets**

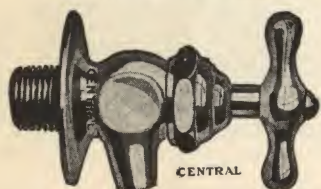
No. 460 For 2-Part Tray  
No. 463 For 3-Part Tray



Quick-Presson combination laundry tray faucet with hose end swing spout, ground joint unions for 1/2-inch iron pipe.

No. 460, Rough Body, Plated All Over.....each	.....
No. 463, Rough Body, Plated All Over.....each	.....

**No. 454 Compression Wash Tray Faucets**



**Tee Handle—  
Solid Male Flange**

Size.....inches	1/2
No. 454, Finished.....each	.....
No. 454, Chromium-Plated.....each	.....



No. P-7710-E

**Argo Enameled Cast Iron Roll Rim Service Sink** with back and roll rim, painted outside. Supported on trap standard and concealed wall hanger.

Fittings, two 1/2-inch compression faucets with metal tee handles and drain plug with metal grid.

Trap, enameled inside standard with cleanout and outlet for 3-inch lead pipe.

Exposed metal chromium plated.

Nominal Size.....inches	20x16	22x18	22x20	24x20
Height Back.....inches	12	12	12	12
Depth of Sink.....inches	12 1/4	12 1/4	12 1/4	12 1/4
Approx. Shipping Weight, less Fittings.....pounds	158	178	182	196

Furnished in regular white or acid-resisting white enamel.



No. F-7650-R

**Ardmore Vitreous China Service Sink** with back and metal rim guard. Supported on adjustable trap standard and concealed wall hanger.

Fittings, all-metal compression combination supply with renewable units, cross handles, nozzle, and drain plug with metal grid.

Trap, enameled inside adjustable standard with cleanout and outlet for 3-inch iron pipe.

Exposed metal chromium plated.

Nominal Size.....inches	20x16	22x19	24x22
Height Back.....inches	8	10	12
Depth of Sink.....inches	10	12	12
Approx. Ship. Wt., Less Fittings.....pounds	100	128	150

Furnished in white only.



No. P-7720-B

**Arcade Enameled Cast Iron Roll Rim Service Sink** with roll rim, painted outside. Supported on trap standard.

Fittings, all-metal compression combination supply with renewable units, lever handles, nozzle, bucket hook, bottom wall brace, and drain plug with metal grid.

Trap, enameled inside standard with cleanout and outlet for 3-inch lead pipe.

Exposed metal chromium plated.

Nominal Size.....inches	20x16	22x18	22x20	24x20
Depth of Sink.....inches	12	12	12	12
Approx. Ship. Wt., Less Fittings.....pounds	70	80	85	90

Furnished in regular white or acid-resisting white enamel.

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No. F-157-S

**Blackford Vitreous China Lavatory** with square bowl, anti-splash rim, rear outlet, and open overflow. Supported on metal wall brackets and vitreous china pedestal.

Fittings, all-metal combination supply and pop-up drain fitting with compression valves, renewable units, cross handles, raised spout, and drain knob.

Supply pipes, 3⁄8-inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap, 1¼-inch P pattern with metal wall flange.

Exposed metal chromium plated.

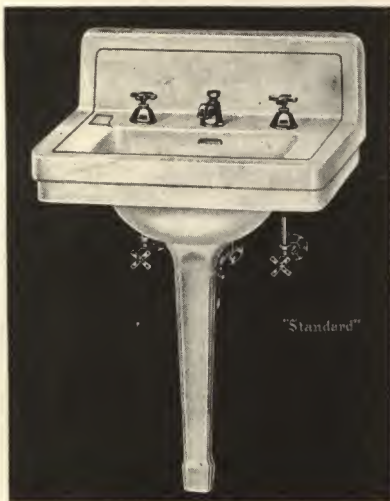
Nominal Size.....in.	24x20	27x22	30x24
Bowl.....inches	16¾x12	18¾x13½	19½x13½
Height from Floor...in.	31	31	31

Approx. Ship. wt., less

Fittings.....lbs.	101	115	145
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The 24x20-inch size has cast-in soap dish.

Furnished in white or colors.



No. F-267-S

**Randall Vitreous China Lavatory** with back, square bowl, anti-splash rim, rear outlet, open overflow, and cast-in soap dish. Supported on vitreous china leg and concealed wall hangers.

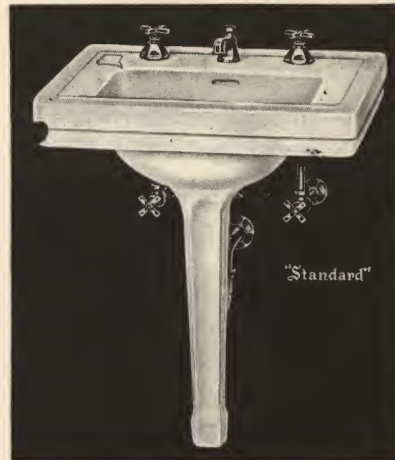
Fittings, all-metal combination supply and pop-up drain fitting with compression valves, renewable units, cross handles, raised spout, and drain knob.

Supply pipes, 3⁄8-inch I.P. size to wall with angle stops.

Traps, 1¼-inch P pattern with metal wall flange.

In white or colors. Exposed metal chromium plated.

Nominal Size.....inches	20x18	24x20
Bowl.....inches	14x10½	16¾x11¾
Height of Back.....inches	6	7
Height from Floor.....inches	31	31
Approx. Ship. Wt., less Fittings. pounds	73	97



No. F-257-S

**Hibben Vitreous China Lavatory** with square bowl, anti-splash rim, rear outlet, open overflow, and cast-in soap dish. Supported on vitreous china leg and metal wall brackets.

Fittings, all-metal combination supply and pop-up drain fitting with compression valves, renewable units, cross handles, raised spout, and drain knob.

Supply pipes, 3⁄8-inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap, 1¼-inch P pattern with metal wall flange.

Exposed metal chromium plated.

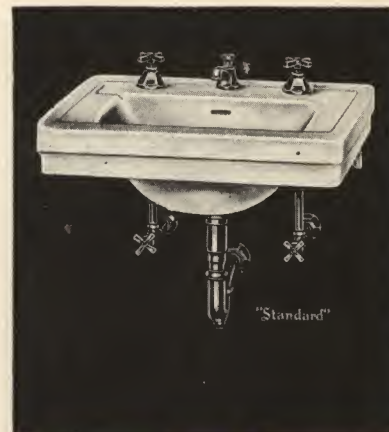
Nominal Sizes.....inches	20x18	24x20	*27x22
Bowl.....inches	14x10¾	16¾x12	18¾x13½
Height from Floor...inches	31	31	31

Approx. Ship. Wt. less Ftgs.

.....lbs.	62	75	100
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\*The 27x22-inch size does not have cast-in soap dish.

Furnished in white or colors.



No. F-357-S

**Buena Vitreous China Lavatory** with square bowl, anti-splash rim, rear outlet and open overflow. Supported on concealed support and enameled wall brackets.

Fittings, all-metal combination supply and pop-up drain fitting with compression valves, renewable units, cross handles, raised spout, and drain knob.

Supply pipes, 3⁄8-inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap, 1¼-inch P pattern with metal wall flange.

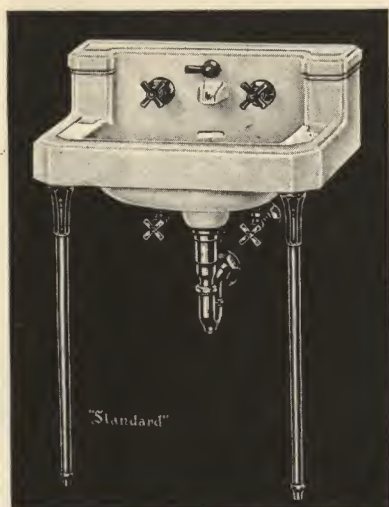
Exposed metal chromium plated.

Nominal Sizes..inches	*20x18	*24x20	27x22	30x24
Bowl.....inches	14x10¾	16¾x12	18¾x13½	19½x13½
Height from Floor.in.	31	31	31	31
Approx. Ship. Weight				
Less Fittings...lbs.	75	90	130	180

\*These sizes have cast-in soap dish.

Furnished in white or colors.





No. F-115-S

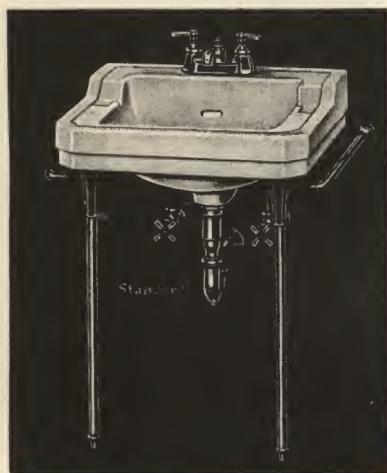
**Companion Vitreous China Lavatory** with shelf back, integral spout, square bowl, anti-splash rim, rear outlet, open overflow, and two cast-in soap dishes. Supported on concealed wall hangers and metal legs.

Fittings, all-metal combination supply and pop-up drain fitting with compression valves, renewable units, cross handles, and drain lever.

Supply pipes, 3/8-inch I.P. size to wall with angle stops.

Trap, 1/4-inch P pattern with metal wall flange.

Nominal Size.....inches	22x18	26x22
Bowl.....inches	15 1/4 x 11 1/2	17 1/4 x 14
Width of Shelf at Ends.....inches	5	5
Height of Back.....inches	5	5
Height from Floor.....inches	31	31
Approx. Ship. Wt., less Fittings.pounds	85	120



No. F-125-MT, with Pop-Up Drain  
No. F-125-HT, with Plug and Chain

**Comrade Vitreous China Lavatory** with shelf back, square bowl, anti-splash rim, rear outlet, open overflow, and two cast-in soap dishes. Supported on concealed wall hanger and metal legs with towel bars.

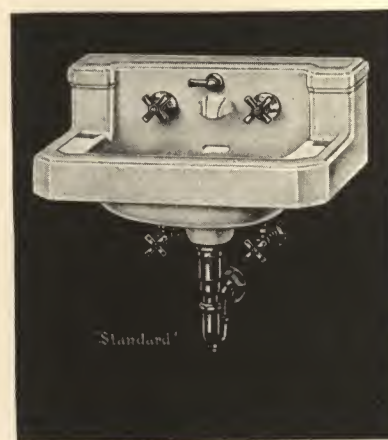
Fittings, all-metal combination supply and pop-up drain fitting with quick compression valves, renewable units, lever handles, raised spout, and drain knob.

Supply pipes, 3/8-inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap, 1/4-inch P pattern with metal wall flange.

Nominal Size.....inches	20x18	24x20
Bowl.....inches	14x11 1/4	17x12 3/4
Width of Shelf.....inches	4 1/4	4 1/2
Height from Floor.....inches	31	31
Approx. Ship. Wt., less Fittings..pounds	103	128

Furnished in white or colors.



No. F-116-S

**Companion Vitreous China Lavatory** with shelf back, integral spout, square bowl, anti-splash rim, rear outlet, open overflow, and two cast-in soap dishes. Supported on concealed wall hangers.

Fittings, all-metal combination supply and pop-up drain fitting, compression valves, renewable units, cross handles, and drain lever.

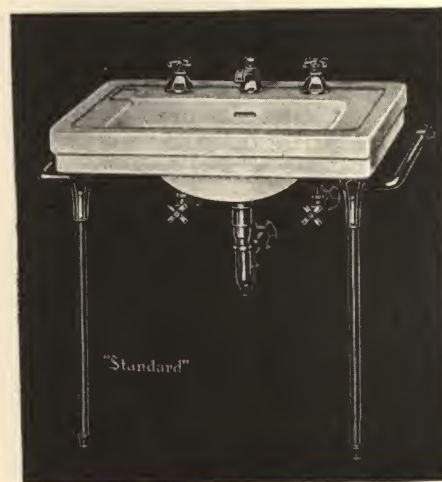
Supply pipes, 3/8-inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap, 1/4-inch P pattern with metal wall flange.

Exposed metal chromium plated.

Nominal Size.....inches	22 1/2 x 18
Bowl.....inches	15 1/4 x 11 1/2
Width of Shelf at Ends.....inches	5
Height of Back.....inches	5
Approximate Shipping Weight, less Fittings.pounds	75

Furnished in white or colors.



No. F-167-ST, with Towel Bars  
No. F-167-S, less Towel Bars

**Roxbury Vitreous China Lavatory** with square bowl, anti-splash rim, rear outlet, and open overflow. Supported on metal wall brackets and metal legs with towel bars.

Fittings, all-metal combination supply and pop-up drain fitting with compression valves, renewable units, cross handles, raised spout, and drain knob.

Supply pipes, 3/8-inch I.P. Thread size to wall with angle stops, metal cross handles, and escutcheons.

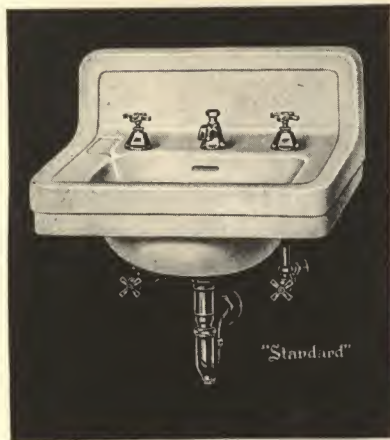
Trap, 1/4-inch P pattern with metal wall flange.

Nominal Size.....inches	24x20	27x22	30x24
Bowl.....inches	16 3/4 x 12	18 3/4 x 13 1/2	19 1/2 x 13 1/2
Height from Floor.....inches	31	31	31
Approx. Ship. Wt., less			

Fittings.....pounds 135 150 170

The 24x20-inch size has cast-in soap dish.





No. F-367-S

**Lucerne Vitreous China Lavatory** with back, square bowl, anti-splash rim, rear outlet, open overflow, and cast-in soap dish. Supported on concealed wall hangers.

Fittings, all-metal combination supply and pop-up drain fitting with compression valves, renewable units, cross handles, raised spout, and drain knob.

Supply pipes,  $\frac{3}{8}$ -inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap,  $1\frac{1}{4}$ -inch P pattern with metal wall flange.

Exposed metal chromium plated.

Nominal Size.....inches	20x18	24x20
Bowl.....inches	14x10 $\frac{1}{2}$	16 $\frac{3}{4}$ x11 $\frac{3}{4}$
Height of Back.....inches	6	7
Approx. Ship. Wt., less Fittings. pounds	58	86

Furnished in white or colors.



No. F-319-RZ, with Plug and Chain  
No. F-319-R, with Pop-Up Drain Through Back

**Marcosa Vitreous China Lavatory** with back, oval bowl, center outlet, open overflow and cast-in soap dish. Supported on concealed wall hangers.

Fittings, compression faucets with metal cross handles, chain stay, and drain plug with rubber stopper.

Supply pipes,  $\frac{3}{8}$ -inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap,  $1\frac{1}{4}$ -inch P pattern with metal wall flange.

Exposed metal chromium plated.

Nominal Size.....inches	20x13 $\frac{1}{2}$	26x14
Bowl.....inches	16 $\frac{3}{4}$ x8 $\frac{3}{4}$	17x9 $\frac{1}{4}$
Height of Back.....inches	6	6
Approx. Ship. Wt., less Fittings...pounds	43	51

The 26x14-inch size has cast-in soap dish.

Furnished in white or colors.



No. F-369-M, with Pop-Up Drain  
No. F-369-H, with Plug and Chain

**Lucerne Vitreous China Lavatory** with back, square bowl, anti-splash rim, rear outlet, open overflow, and cast-in soap dish. Supported on concealed wall hanger.

Fittings, all-metal combination supply and pop-up drain fitting with quick compression valves, renewable units, lever handles, raised spout, and drain knob.

Supply pipes,  $\frac{3}{8}$ -inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap,  $1\frac{1}{4}$ -inch P pattern with metal wall flange.

Exposed metal chromium plated.

Nominal Size.....inches	20x18	24x20
Bowl.....inches	14x10 $\frac{1}{2}$	16 $\frac{3}{4}$ x11 $\frac{3}{4}$
Height of Back.....inches	6	7
Approx. Ship. Wt., less Fittings. pounds	58	86

Furnished in white or colors.



No. F-370-WZ

**Penhurst Vitreous China Lavatory** with back, oval bowl, anti-splash rim, rear outlet, open overflow, and cast-in soap dish. Supported on concealed wall hanger.

Fittings, quick compression faucets with metal lever handles, chain stay, drain plug, bead chain, and rubber stopper.

Supply pipes,  $\frac{3}{8}$ -inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap,  $1\frac{1}{4}$ -inch P pattern with metal wall flange.

Exposed metal chromium plated.

Nominal Size.....inches	18x15
Bowl.....inches	15x9
Height of Back.....inches	6
Approximate Shipping Weight, less Fittings.pounds	50

Furnished in white or colors.





No. P-4205-RZ

**Othello Enameled Cast Iron Lavatory** with back, oval bowl, rear outlet, integral overflow, and cast-in soap dish. Supported on concealed wall hanger.

Fittings, compression faucets with metal cross handles, chain stay, drain plug, bead chain, and rubber stopper.

Supply pipes,  $\frac{3}{8}$ -inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap,  $1\frac{1}{4}$ -inch P pattern with metal wall flange.

Exposed metal chromium plated.

Nominal Size.....	inches	19x17	21x18
Bowl.....	inches	15x10 $\frac{1}{2}$	16 $\frac{1}{2}$ x10 $\frac{1}{2}$
Height of Back.....	inches	6	7
Approx. Ship. Wt., less Fittings.....	pounds	73	83

Furnished in regular white and acid-resisting white enamel.



No. P-4365-WZ

**Alva Enameled Cast Iron Lavatory** with back, round bowl, center outlet, and integral overflow. Supported on concealed wall hanger.

Fittings, quick compression faucets with metal lever handles, chain stay, drain plug, bead chain, and rubber stopper.

Supply pipes,  $\frac{3}{8}$ -inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap,  $1\frac{1}{4}$ -inch P pattern with metal wall flange.

Exposed metal chromium plated.

Nominal Size.....	inches	14x16
Bowl.....	inches	11 $\frac{1}{4}$
Height of Back.....	inches	5
Front to Back.....	inches	16
Approx. Ship. Wt., less Fittings.....	pounds	45

Furnished in regular white enamel only.



No. P-4207-R

**Othello Enameled Cast Iron Lavatory** with back, oval bowl, rear outlet, and integral overflow. Supported on concealed wall hanger.

Fittings, compression faucets with metal cross handles, and pop-up drain with metal knob.

Supply pipes,  $\frac{3}{8}$ -inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap,  $1\frac{1}{4}$ -inch P pattern with metal wall flange.

Exposed metal chromium plated.

Nominal Size.....	inches	21x18
Bowl.....	inches	16 $\frac{1}{2}$ x10 $\frac{1}{2}$
Height of Back.....	inches	7
Approximate Shipping Weight, less Fittings.....	lbs.	83

Furnished in regular white and acid-resisting white enamel.



No. P-4955-RZ

**Anglo Enameled Cast Iron Lavatory** with back, oval bowl, rear outlet, integral overflow, and cast-in soap dish. Supported on concealed wall hangers.

Fittings, compression faucets with metal cross handles, chain stay, drain plug, bead chain, and rubber stopper.

Supply pipes,  $\frac{3}{8}$ -inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap,  $1\frac{1}{4}$ -inch bag pattern with metal wall flange.

Exposed metal chromium plated.

Nominal Size.....	inches	16x16	19x19
Bowl.....	inches	15x10 $\frac{1}{2}$	16 $\frac{1}{2}$ x10 $\frac{1}{2}$
Height of Bowl.....	inches	5 $\frac{1}{2}$	7 $\frac{1}{4}$
Approx. Ship. Wt., less Fittings.....	pounds	82	95

Regular white and acid-resisting white or colored enamel.





No. P-3127-S

**Clyde Enameled Cast Iron Lavatory** with oval bowl, rear outlet, and integral overflow. Supported on enameled pedestal.

Fittings, all-metal combination supply and pop-up drain fitting with compression valves, renewable units, cross handles, raised spout, and drain knob.

Supply pipes,  $\frac{3}{8}$ -inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap,  $1\frac{1}{4}$ -inch P pattern with metal wall flange.

Exposed metal chromium plated.

Nominal Size.....	inches	24x20	27x22
Bowl.....	inches	16x12	16x12
Height from Floor.....	inches	31	31
Approx. Ship. Wt., less Fittings.....	pounds	165	190

Regular white and acid-resisting white or colored enamel.



No. P-3867-RZ

**Hexagon Enameled Cast Iron Lavatory** with back, square bowl, rear outlet, and integral overflow. Supported on concealed wall hanger.

Fittings, compression faucets with metal cross handles, chain stay, drain plug, bead chain, and rubber stopper.

Supply pipes,  $\frac{3}{8}$ -inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap,  $1\frac{1}{4}$ -inch P pattern with metal wall flange.

Exposed metal chromium plated.

Nominal Size.....	inches	20x18	22x19
Bowl.....	inches	16x9 $\frac{1}{2}$	18x10 $\frac{1}{2}$
Height of Back.....	inches	6	6
Approx. Ship. Wt., less Fittings.....	pounds	81	93

Regular white and acid-resisting white or colored enamel.



No. P-3139-MT, with No. 5 Cabinet and Towel Bar  
No. P-3139-M, with No. 6 Cabinet, less Towel Bar

**Clynett Enameled Cast Iron Lavatory** with oval bowl, rear outlet, and integral overflow. Supported on cabinet.

Fittings, all-metal combination supply and pop-up drain fitting with quick compression valves, renewable units, lever handles, raised spout, and drain knob.

Supply pipes,  $\frac{3}{8}$ -inch I. P. size to wall with angle stops.

Trap,  $1\frac{1}{4}$ -inch P pattern with metal wall flange.

Cabinet, steel, baked gloss finish with black painted base, single door, one shelf, and closed bottom. Towel bar may be attached to right or left.

Nominal Size.....	inches	24x20
Bowl.....	inches	16x12
Height from Floor.....	inches	32
Approximate Shipping Weight, less Fittings.....	pounds	155

Cabinet furnished green, ivory, white, or primed only.



No. P-3847-R

**Ophir Enameled Cast Iron Lavatory** with back, oval bowl, rear outlet, and integral overflow. Supported on concealed wall hanger.

Fittings, compression faucets with metal cross handles and pop-up drain with metal knob.

Supply pipes,  $\frac{3}{8}$ -inch I.P. size to wall with angle stops, metal cross handles, and escutcheons.

Trap,  $1\frac{1}{4}$ -inch P pattern with metal wall flange.

Exposed metal chromium plated.

Nominal Size.....	inches	24x18	24x20
Bowl.....	inches	16x10 $\frac{1}{2}$	16x11 $\frac{1}{2}$
Height of Back.....	inches	9	12
Approx. Ship. Wt., less Fittings.....	pounds	105	115

Furnished in regular white enamel only.





No. F-2223

**Madera Syphon Jet Closet Combination**

Bowl, vitreous china, syphon jet type, elongated pattern, with concealed jet and top supply inlet.

Fittings, Sloan flush valve with side inlet, 1-inch ground joint union angle stop, metal oscillating handle, 1½-inch straight flush connection, wall and spud flanges, and two china bolt covers.

Seat, black hard rubber, with extended open front, less cover, and with black check hinge.

Exposed metal chromium plated.

Center of Spud to Center of Outlet.....	inches	6
Wall to Front of Bowl.....	inches	27
Width Over All.....	inches	14
Approximate Shipping Weight, Bowl Only.....	pounds	66

Furnished in white or colors.



No. F-2442

**Siacto Syphon Action Closet Combination**

Bowl, vitreous china, syphon action type, regular pattern, with concealed jet and back supply inlet.

Fittings, Sloan flush valve with side inlet, 1-inch ground joint union angle stop, metal oscillating handle, 1¼-inch elbow flush connection, wall and spud flanges, and two china bolt caps.

Seats, black hard rubber, with open front, less cover, and with black check hinge.

Exposed metal chromium plated.

Face of Spud to Center of Outlet.....	inches	3⅞
Wall to Front of Bowl.....	inches	25¼
Width Over All.....	inches	14
Approximate Shipping Weight, Bowl Only.....	pounds	50

Furnished in white or colors.



No. F-2243

**Devoro Syphon Jet Closet Combination**

Bowl, vitreous china, syphon jet type, regular pattern, with concealed jet and top supply inlet.

Fittings, Sloan flush valve with side inlet, 1-inch ground joint union angle stop, metal oscillating handle, 1½-inch straight flush connection, wall and spud flanges, and two china bolt covers.

Seat, black hard rubber, with open front, less cover, and with black check hinge.

Exposed metal chromium plated.

Center of Spud to Center of Outlet.....	inches	6
Wall to Front of Bowl.....	inches	25
Width Over All.....	inches	14
Approximate Shipping Weight, Bowl Only.....	pounds	65

Furnished in white or colors.



No. F-2698

**Modernus Syphon Action Wash Down Closet Combination**

Bowl, vitreous china syphon action wash down type, regular pattern, straight front, with jet and back supply inlet.

Fittings, Sloan flush valve with side inlet, 1-inch ground joint union angle stop, metal oscillating handle, 1½-inch elbow flush connection, and wall and spud flanges.

Seat, black hard rubber, with closed front, less cover, and with black check hinge.

Exposed metal chromium plated.

Face of Spud to Center of Outlet.....	inches	6⅞
Wall to Front of Bowl.....	inches	26¼
Width Over All.....	inches	14
Approximate Shipping Weight, Bowl Only.....	pounds	40

Furnished in white or colors.

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No. F-2000-A

### Master One-Piece Syphon Vortex Closet Combination

Bowl and tank in one piece. Bowl, syphon vortex action type, elongated pattern with integral supply to flushing rim. Tank, 4 to 5-gallon capacity, with shelf top lid.

Fittings, special float valve, flush valve, single action flush lever with metal handle, two closet screws, and four china bolt covers. Supply pipe,  $\frac{3}{8}$ -inch I.P. size to floor with stop, metal, cross handle, and escutcheon.

Seat, white sheet covered, with extended closed front, cover, and concealed bar hinge with metal hinge posts.

In white or colors. Exposed metal chromium plated.

Back of Tank to Center of Outlet.....inches 11 $\frac{1}{4}$

Back of Tank to Front of Bowl.....inches 28 $\frac{1}{4}$

Approximate Shipping Weight, with Seat....pounds 145

#### Seat Variations

No. F-2000-B, white sheet covered, with open front, cover, and concealed bar hinge with metal hinge posts.

No. F-2000-C, white sheet covered, with open front, less cover, and with metal check hinge.

No. F-2000-D, black hard rubber, with open front, less cover, and with black check hinge.



No. F-2100

### Cadet Syphon Action Reverse Trap Close Coupled Closet Combination

Bowl, vitreous china, syphon action reverse trap type, regular pattern, with self-draining jet and extended rear shelf.

Tank, vitreous china, 6-gallon capacity, with shelf top lid. Supported on shelf of bowl.

Fittings, elevated float valve, flush valve, single action flush lever with metal handle, tank coupling, two closet screws, and four china bolt caps.

Supply pipe,  $\frac{3}{8}$ -inch I.P. size to floor with straight stop, metal cross handle, and escutcheon.

Seat, white sheet covered, with closed front, cover, and bar hinge.

Exposed metal chromium plated.

Back of Tank to Center of Outlet.....inches 11 $\frac{1}{4}$

Back of Tank to Front of Bowl.....inches 26 $\frac{3}{4}$

Approximate Shipping Weight, with Seat....pounds 108

Furnished in white or colors.



No. F-2045

### Compact Syphon Vortex Close Coupled Closet Combination

Bowl, vitreous china, regular pattern, with syphon vortex action and extended rear shelf.

Tank, vitreous china, recessed panel front, 5-gallon capacity, with shelf top lid. Supported on shelf of bowl.

Fittings, elevated float valve, flush valve, single action flush lever with metal handle, two closet screws, and four china bolt covers.

Supply pipe,  $\frac{3}{8}$ -inch I.P. size to floor with straight stop, metal cross handle, and escutcheon.

Seat, white sheet covered, with closed front, tail back, cover, and concealed bar hinge with metal hinge posts.

Exposed metal chromium plated.

Back of Tank to Center of Outlet.....inches 11 $\frac{1}{2}$

Back of Tank to Front of Bowl.....inches 26 $\frac{3}{4}$

Approximate Shipping Weight, with Seat....pounds 112

Furnished in white or colors.



No. F-2110

### Compton Syphon Action Wash-Down Close Coupled Closet Combination

Bowl, vitreous china, syphon action wash down type, regular pattern, with jet and extended rear shelf.

Tank, vitreous china, 6-gallon capacity, with shelf top lid. Supported on shelf of bowl.

Fittings, elevated float valve, flush valve, single action flush lever with metal handle, two closet screws, and four china bolt caps.

Supply pipe,  $\frac{3}{8}$ -inch I.P. size to floor with straight stop, metal cross handle, and escutcheon.

Seat, white sheet covered, with closed front, cover, and concealed bar hinge with metal hinge posts.

Exposed metal chromium plated.

Back of Tank to Center of Outlet.....inches 11

Back of Tank to Front of Bowl.....inches 24 $\frac{1}{2}$

Approximate Shipping Weight, with Seat....pounds 108

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Fig. 55-A PATENT PENDING

**T/N One-Piece Closet Combination**

Bowl and tank integral. Bowl, centrifugal flushing action type, regular pattern. Concealed supply to flushing rim. Tank with shelf type lid locked on.

Fittings, float valve, metal handle trip lever, flush valve, and china bolt covers. Supply pipe,  $\frac{3}{8}$ -inch I.P. size to wall with stop, metal handle, and escutcheon.

Seat, white sheet covered with closed front, cover, and concealed bar hinge with exposed hinge posts.

In white or colors. Exposed metal chromium-plated. Approximate Shipping Weight.....pounds 122

**T/N Seat Styles**

Fig. 55-A, with white sheet covered closed front seat with cover.

Fig. 60-A, with white sheet covered open front seat with cover.

Fig. 65-A, with white sheet covered open front seat less cover, and with check hinge.

Fig. 80-A, same as Fig. 65-A except with hard rubber seat.



No. 1300

**Water Saver Syphon Action Closet Combination**

Bowl, vitreous china, regular pattern, with concealed jet and top supply inlet.

Tank, vitreous china, with depressed lid. Supported on ledge of bowl.

Fittings, bottom supply float valve, metal handle trip lever, flush valve, and china bolt caps.

Supply pipe,  $\frac{3}{8}$ -inch I.P. size to floor with escutcheon.

Seat, mahogany finish with closed front, cover, and cast brass bar hinge.

Exposed metal chromium-plated.

Approximate Shipping Weight.....pounds 110  
Furnished white or colored.

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Fig. 1200

**DeLuxe Water Saver Syphon Action Closet Combination**

Bowl, vitreous china, regular pattern, with concealed jet and top supply inlet.

Tank, vitreous china, with recessed panel front. Supported on shelf of bowl.

Fittings, bottom supply float valve, metal handle trip lever, flush valve, and china bolt caps.

Supply pipe,  $\frac{3}{8}$ -inch I.P. size to wall with angle stop, metal handle and escutcheon.

Seat, white sheet covered with closed front, cover, and concealed bar hinge with exposed hinge posts.

Exposed metal chromium-plated.

Approximate Shipping Weight.....pounds 132  
Furnished white or colored.



Fig. 347

**Syphon Wash Down Closet Combination**, vitreous china syphon action wash down bowl, square base and pedestal, and twin jets, oak seat and cover with nickel-plated cast brass hinges, beveled corner vitreous china tank with chromium plated lever, high pressure float valve with copper float and automatic regulating device, rubber ball flush valve, chromium plated supply to floor, 2-inch chromium plated flush connection, floor screws and washers.

Roughs in at 12 or 14 inches.

Approximate Shipping Weight.....pounds 115



